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# Blackburn University.

The College.  
The Academy.





**THIRTY-FIFTH**

**ANNUAL CATALOGUE**

**BLACKBURN UNIVERSITY**

**THE COLLEGE**

**THE ACADEMY**

**1899-1900.**

**CARLINVILLE, ILLINOIS.**

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# Calendar.

## 1900.

### FIRST TERM.

September 11, Tuesday.....	Examination for Admission
September 12, Wednesday....	<div style="display: inline-block; vertical-align: middle; font-size: 3em; line-height: 1;">}</div> <div style="display: inline-block; vertical-align: middle; padding-left: 10px;">           Chapel, 9:00 a. m.            Enrollment, 9:30 a. m.-12:00 m.            Class Organization, 2:00-4:00 p.m.         </div>
September 13, Thursday.....	
September 13, Thursday.....	
September 13, Thursday.....	Recitations Begin
November 29-30, Thursday-Friday.....	Thanksgiving Recess
December 18-20, Tuesday-Thursday.....	Term Examinations
December 20, Thursday.....	Term Ends

## 1901.

### SECOND TERM.

January 3, Thursday.....	Second Term Begins
January 31, Thursday.....	Day of Prayer for Colleges
March 27-29, Wednesday-Friday.....	Term Examinations
March 29, Friday.....	Term Ends

### THIRD TERM.

April 1, Monday.....	Third Term Begins
June 5-7, Wednesday-Friday.....	Term Examinations
June 9, Sunday, 10:30 a. m.....	Baccalaureate Sermon
June 9, Sunday, 8:00 p. m.....	Address to the Religious Societies
June 10, Monday, 8:00 p. m.....	Junior Exhibition
June 11, Tuesday, 11:00 a. m.....	Annual Meeting of the Board of Trustees
June 11, Tuesday, 8:00 p. m.....	Address to the Literary Societies
June 12, Wednesday, 10:00 a. m.....	Commencement Exercises
June 12, Wednesday, 8:00 p. m.....	Senior Reception

## Trustees.

*Philander Braley.....	Carlinville
Rev. S. M. Morton, D. D.....	Effingham
G. W. Davis .....	Carrollton
Thos. Rinaker, Secretary .....	Carlinville
Rev. W. H. Penhallagon, D. D.....	Decatur
Rev. James E. Rogers, D. D.....	Springfield
Milton McClure.....	Beardstown
A. H. Bell.....	Carlinville
Rev. W. B. Minton.....	Virden
F. W. Burton.....	Carlinville
J. P. Matthews, M. D.....	Carlinville
Rev. T. D. Logan, D. D., Acting President.....	Springfield
D. W. Taylor.....	Litchfield
Rev. C. M. Brown.....	Jacksonville
Chas. G. Brown.....	Divernon

\*Deceased.

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## Prudential Committee.

J. E. Rogers,  
Thos. Rinaker,

S. M. Morton,  
A. H. Bell,

---

Treasurer and Financial Agent, F. W. Burton.



# The Faculty.

WALTER H. BRADLEY, A. M.,  
*Chairman of the Faculty.*  
*Mental, Moral, and Political Science.*

JAMES E. ROGERS, PH., D., D. D.,  
*Blackburn Professor of Theology.*

WESLEY A. CHALLACOMBE, B. S.,  
*Mathematics and German.*

JOHN D. CONLEY, PH. D.,  
*Physics and Chemistry.*

CHARLES ROBERTSON, M. S.,  
*Biology.*

ARTHUR F. HERTEL, A. M.,  
*Latin and Greek.*

MARGARET E. HUBBARD,  
*Assistant in Mathematics.*

KATHERINE COX,  
*English and History.*

FAY DUCKELS,  
*Art.*

FRANK E. BALDWIN,  
*Circuit Court Reporter,*  
*Short-Hand and Typewriting.*

# Committees of the Faculty.

## DISCIPLINE.

Mr. Bradley.  
Mr. Hertel.  
Miss Hubbard.

## ENTRANCE EXAMINATIONS.

Mr. Bradley  
Mr. Challacombe.  
Miss Hubbard.

## ACCREDITED HIGH SCHOOLS.

Mr. Bradley.  
Mr. Hertel.  
Mr. Conley.

## BUILDINGS AND GROUNDS.

Mr. Conley.  
Mr. Robertson.  
Mr. Challacombe.

## ATHLETICS.

Mr. Robertson.  
Mr. Conley.  
Mr. Challacombe.

## LIBRARY.

Mr. Hertel.  
Mr. Robertson.  
Miss Cox.

# Blackburn University.

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## ORIGIN.

In 1835, Rev. Gideon Blackburn, D. D., a Presbyterian minister, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of all the earlier colleges in New England and the east, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry, by giving them such instructions in the Holy Scriptures as may enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Quantities of fine government land being then thrown upon the market in this region, he proposed to friends of the cause, mainly in the east, to give his personal services in entering lands for them, on the following terms: Two dollars were to be paid him for each acre entered; he paid one dollar and a quarter an acre for the land, reserved twenty-five cents for his own services, and invested the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds enough to enter a fraction over 16,656 acres for the University. These lands were situated in several counties, but chiefly in Macoupin and Montgomery.

For the purpose of securing the location of the institution at Carlinville, the citizens of that place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College Buildings.

These lands were all entered in his own name, and in May, 1837, Dr. Blackburn deeded them to certain trustees, for the purpose of founding and maintaining the institution.

In 1857, the trustees, in accordance with the instructions of the deed, obtained a charter from the legislature. This charter exempts all the property of the institution from taxation forever. Soon after the charter was obtained, a building was erected on the present site. A preparatory school was opened in 1859.

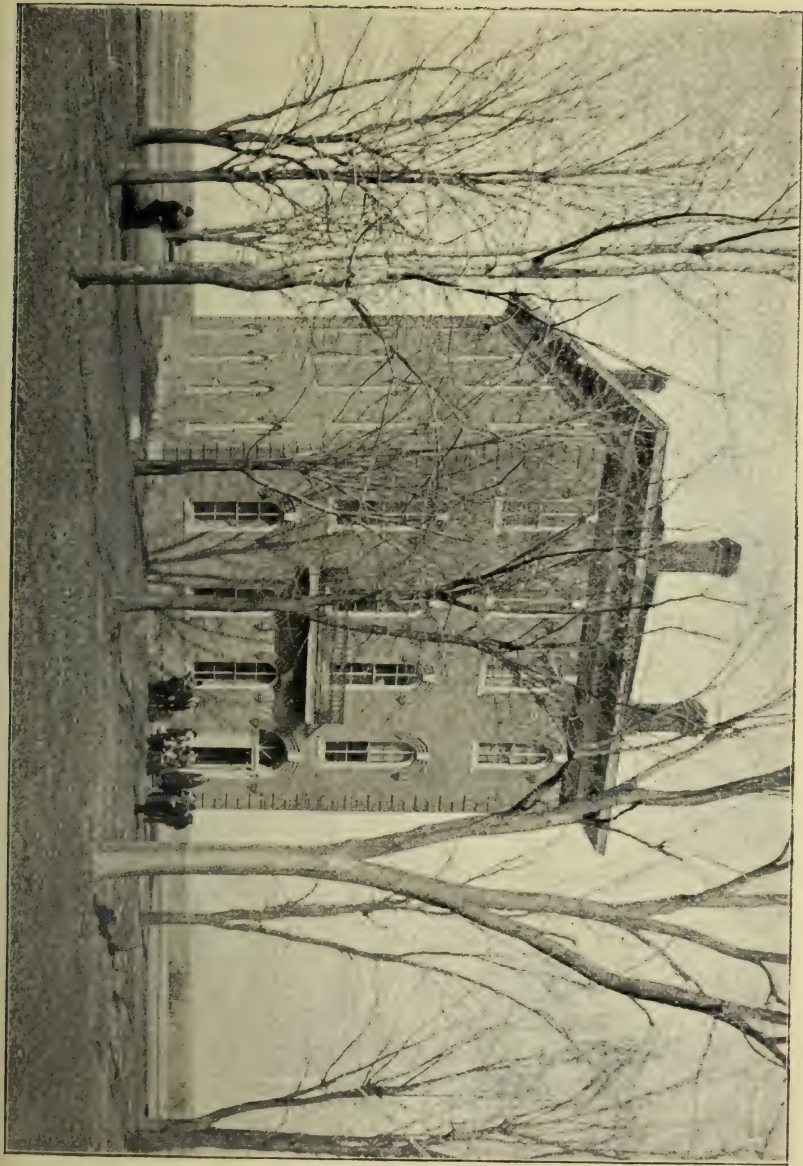
In the year 1864-'65, a full collegiate course of study, classical and scientific, was adopted; young ladies were admitted to all the classes with the same privileges as young men. In the year 1867-'68, the building was enlarged and improved. In 1868, the legislature, by request of the trustees, changed the name of the institution to Blackburn University. In the year 1880, the building called "Robertson Hall," in honor of W. R. Robertson, M. D., who contributed most of the funds for its erection, was completed. Immediately afterward the Taylor Museum, one of the finest and most extensive collections of geological fossils and specimens in the country, the munificent gift of Julius S. Taylor, M. D., Ph. D., of Kankakee, Ill., was installed.

The College has commodious buildings, adequate to all its present needs, and an able and efficient corps of instructors, but increased endowments are necessary to enable the Presbyterian Church to accomplish through this instrumentality the great work planned by its founder.

## LOCATION.

Blackburn University is situated at Carlinville, the county seat of Macoupin County, Illinois, thirty-five miles from Springfield, sixty miles from St. Louis. The Chicago & Alton and the Quincy, Carrollton & St. Louis Railroads afford access from every direction.







## GROUND AND CAMPUS.

The campus contains ten acres, well shaded by large maples. Elevated ground, beautiful trees, and a grove on the east, make the site of the college one of much beauty. The athletic grounds, containing several acres, are included in the campus. In these are foot ball and base ball grounds and tennis courts. The University farm of seventy acres bounds the campus on the north and east.

## UNIVERSITY HALL.

University Hall was erected in 1868. It is a large three-story brick structure, containing, on the first floor, the President's office, and rooms for the Preparatory department, the Library, the Oioparthenian Society, and the Y. M. C. A., and also recitation rooms for Greek and Mathematics; on the second floor, rooms for English, History, French and German, Latin, the Chapel, and the Art Studio; on the third floor, students' rooms. The basement is used as a dining-room and for the gymnasium. The building is heated by steam.

## ROBERTSON HALL.

Robertson Hall was built especially for a science hall. On the first floor are the Chemical, Physical, and Biological Laboratories; on the second, the Taylor Museum and the Geological recitation room; on the third, the halls of the Philomathean and the Orthopatetic Literary Societies.

## MINTON OBSERVATORY.

The late Robert B. Minton, for twenty-seven years connected with the College as Professor of Mathematics, donated the Observatory Building, in which is mounted equatorially an excellent five-inch telescope, the gift of the maker, W. A. Loomis.

## LIBRARY.

Four rooms on the first floor of the main building are used for the Library. Three of these are fitted up with cases; one is provided with tables, files for newspapers, and cabinets for reference books. The Library embraces works of fiction, history, science, linguistics, archeology, and theology. It contains some books, valuable specimens of the bookmaker's art, more than four hundred years old.

The following publications come regularly to the library: The Century, Harper, Scribner, The Review of Reviews, The Assembly Herald, Popular Astronomy, The Scientific American, The Literary Digest, The Bookman, The Biblical World, The Independent, The Interior, The Herald and Presbyter, The Presbyterian, Men, Chicago Times-Herald, St. Louis Globe-Democrat, Government Reports, Local Publications, College Papers.

Dr. Richard Edwards has given a fund of five hundred dollars, the income of which is to be expended in the purchase of reference books. The collection is known as "The Richard Edwards Memorial Reference Library."

## TAYLOR MUSEUM.

The Taylor Museum, named in honor of the donor, Julius S. Taylor, M. D., Ph. D., Kankakee, Ill., was founded June 9, 1881. The original gift, representing the work of fifty years actively spent in collecting and classifying specimens, contains about twenty-five thousand fossils, eight thousand minerals, a large and valuable case of Indian relics, and a variety of miscellaneous specimens. A choice collection of modern shells and corals was presented to the museum in 1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally to this



cabinet; other donations have been made, notably that of Rev. William H. Illsley, Leon, Iowa. Life size busts of noted Americans have been given by the following societies and individuals: The Orthopatic Society, The Philomathean Society, The Oiparthenian Society, the class of 1897, Henry H. Montgomery, and Dr. John D. Conley.

## CHEMICAL LABORATORY,

The chemical laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The fee of two dollars per term is intended to cover only the cost of materials. Breakage of apparatus is charged to the student.

## PHYSICAL LABORATORY,

The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc. The students are instructed how to use the more expensive appliances, and are taught how to make inexpensive contrivances to set forth the principles of these subjects. This is of value to those who intend to teach.

## GYMNASIUM.

Recreation and physical-development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. Classes for young men are conducted three times a week, and for young women, under a lady instructor, twice a week. A full complement of gymnasium apparatus is provided; parallel bars, horizontal bar, traveling rings, flying rings, climbing rope, standard chest

machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards, and tumbling mats.

### DORMITORY FOR YOUNG MEN.

About seventy students can be accommodated in the dormitory. The rooms are well lighted and well ventilated, and are heated by steam. Furniture must be provided by the student, though a limited amount can be rented or purchased from the college. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students rooming in the building have control of the college boarding club, at which board is furnished at minimum price.

### HOMES FOR YOUNG WOMEN.

Young ladies on arrival are referred to private boarding places, approved by the Faculty. Close supervision is exercised in reference to the well-being of the pupil. The cost of room and board is from three to four dollars a week.

# General Information.

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## SESSIONS AND EXAMINATIONS.

The school year is divided into three terms, and students are expected to be present on the opening day of each session. Examinations of all classes are held at the close of each term. The examination grade counts one-third.

## REPORT TO PARENTS AND GUARDIANS.

A report of attendance, recitations, and exercises of each student is made at the close of each term to the parent or guardian. Recitations and other exercises are graded from 0 to 100, according to character. Advancement in the course depends entirely upon proficiency. No student falling below 70 in any study is allowed to enter the next higher class, until a satisfactory examination is passed; and those who, from carelessness, inattention, or indolence, fall below 60 in all their studies, are not permitted to remain in the institution.

## PRIZES.

A gold medal is annually awarded to the student making the highest average grade. All college students are eligible except the winner of the medal the preceding year.

A Faculty prize of ten dollars in gold is annually awarded to the author of the best essay submitted before the end of the second term. The competition is unrestricted.

An Oratorical prize of the value of ten dollars is annually offered to the winner in a public contest, provided six members of the Senior, Junior and Sophomore classes of the college compete.

## BENEFICIARY AID.

Worthy students may receive aid from some one of the following sources:

### THE BOARD OF EDUCATION,

The Board of Education of the Presbyterian Church assists young men studying for the Presbyterian Ministry, to the amount of about \$75.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry, and must be members of one of the four college classes.

### SARAH C. PARK'S SCHOLARSHIP.

This fund, amounting to \$1,000.00, the gift of Mr. P. Braley and his wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the benefit and use of the descendants of the donors. Mr. Braley was one of the Trustees when the charter was obtained from the State of Illinois in 1857, and yet serves in that position.

### JOSEPH CORBIT SCHOLARSHIP.

The recipient of this scholarship, founded by Mr. Joseph Corbit, of New York City, is chosen from year to year by the Faculty with the concurrence of Mr. Corbit, and is entitled to his tuition for the year.

### THE FITCH FUND.

This fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students for the ministry from Bond County.

## HIGH SCHOOL SCHOLARSHIP.

To bring the University into closer relations with the High Schools of the State, a scholarship in the Freshman year is offered to the graduate of any high school in Illinois, the course of study of which is equivalent to that required in the academic department of the University. The conditions are that it shall be given to the graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

## STUDENT JANITORS.

It is customary to employ three or four students as janitors. They are paid at the rate of \$5.00 a month each, this being sufficient to pay more than half their board in the college boarding club. These students are chosen by the Faculty, with special reference to their need and worth. One student is also chosen as bell-ringer, and is given the use of room 41.

## EMPLOYMENT BY CITIZENS.

A limited number of young men and women can find homes with private families in the town, where they may pay for board by work. Some of our business houses, especially printing establishments, afford occasional opportunities for employment.

## HARVARD SCHOLARSHIP.

A Harvard University scholarship of the minimum annual value of three hundred dollars, established by the Harvard Club of Chicago, is open to the graduates of the college in competition with the graduates of the other universities and colleges of the state. Application must be made before May 1st, of each year, but Senior students about to



finish their undergraduate courses are eligible as candidates. Communications should be addressed to Mr. Murray Nelson, Jr., 99 Randolph Street, Chicago.

## STUDENT ORGANIZATIONS.

### YOUNG MEN'S CHRISTIAN ASSOCIATION.

The young men have a vigorous Christian association. Its hall is one of the best rooms in the college building. Meetings are held each Thursday evening.

### LITERARY SOCIETIES.

Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory, and parliamentary law is afforded.

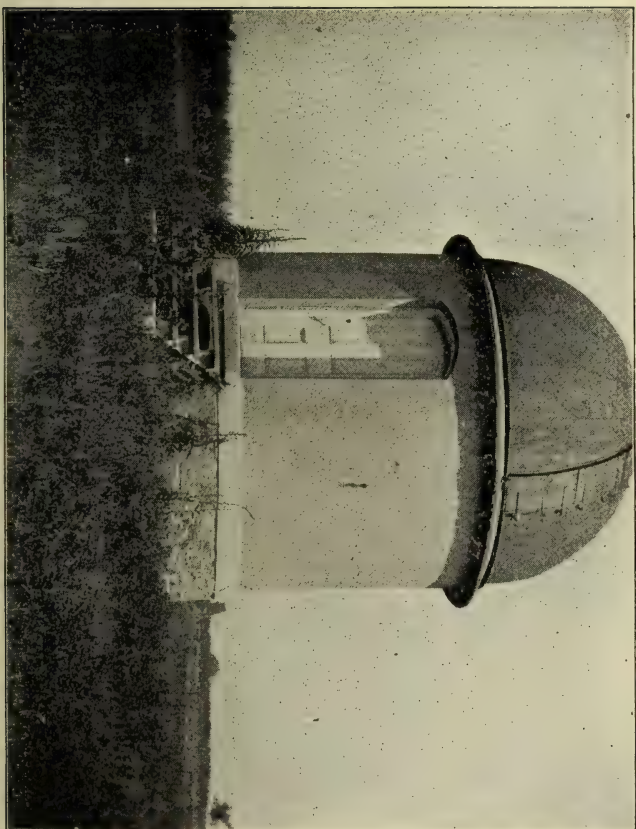
1. The Oioparthenian Society is open to all young women in the institution. Their hall in the University Building is well furnished and contains a piano. Meetings are held every Friday afternoon.

2. The Orthopatetic Society, organized in 1869, has a good hall in the Science Building. In connection is a reading room well stocked with books and magazines. An Annual prize declamation contest is given.

3. The Philomathean Society occupies a neatly furnished and well lighted hall in the Science Building. The society has recently presented its library to the University. An annual oratorical contest is held.

### BLACKBURN ORATORICAL ASSOCIATION.

In May, each year, an oratorical contest is held under the auspices of the Blackburn Oratorical Association. All college students may be members of the association, and are eligible to contest under the provisions of the constitution. The winner represents the University at the Inter-Collegiate Meet, the following autumn.



MINTON OBSERVATORY.



## THE BLACKBURNIAN.

The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

## LECTURE COURSE.

Very successful lecture courses are given under the general direction of a committee of the Faculty. These courses present a high order of musical and oratorical talent, and are much appreciated by the students and the citizens.

## BLACKBURN UNIVERSITY ATHLETIC ASSOCIATION.

The purpose of this association is to promote all forms of outdoor athletics. It has an enclosed and well equipped park. It controls all teams representing the University.

# Admission.

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## ADMISSION TO THE COLLEGE.

All candidates for admission to the college must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismission.

Candidates for advanced standing are examined in the studies which have been pursued by the class they wish to enter; also in the requirements for admission to the college, if such standing has not been regularly attained in another.

Students from certain academies and high schools, whose courses of study have been approved by the Faculty, will be admitted to suitable classes without a special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received will be considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

School boards or principals, who wish to have students admitted on diploma or certificate, are requested to correspond with the Chairman of the Faculty.

Students who have done work in high schools or academies in subjects not required for admission to their courses may be allowed to substitute such work for equivalents required for entrance. Such work will not, however, be credited, as a rule, on college standing.



Students who desire to pursue selected studies may do so, if properly prepared to enter regular classes. All such students must take the examinations with the classes of which they are members.

No one will be admitted to the Freshman class until he has completed his fourteenth year, or to advanced standing without corresponding increase of age.

The requirements for admission to the Freshman class are :

1. English—English Grammar, Elementary Rhetoric, Composition.

In Literature the requirements are those adopted by the Association of American Colleges.

A. For reading and practice :

1900—Dryden, Palamon and Arcite ; Pope, Iliad, Books I., VI., XXII., XXIV. ; Addison, Sir Roger de Coverley Papers in the Spectator ; Goldsmith, Vicar of Wakefield ; Scott, Ivanhoe ; De Quincy, Flight of a Tartar Tribe ; Cooper, The Last of the Mohicans ; Tennyson, The Princess ; Lowell, The Vision of Sir Launfal.

1901—George Eliot, Silas Marner ; Pope, Iliad, Books I., VI., XXII., XXIV. ; Addison, Sir Roger de Coverley Papers in the Spectator ; Goldsmith, Vicar of Wakefield ; Scott, Ivanhoe ; Shakespeare, Merchant of Venice ; Cooper, The Last of the Mohicans ; Tennyson, The Princess ; Coleridge, The Rime of the Ancient Mariner.

1902—George Eliot, Silas Marner ; Pope, Iliad, Books I., VI., XXII., XXIV. ; Addison, Sir Roger de Coverley Papers in the Spectator ; Goldsmith, Vicar of Wakefield ; Scott, Ivanhoe ; Shakespeare, Merchant of Venice ; Cooper, The Last of

the Mohicans ; Tennyson, *The Princess* ; Coleridge, *The Rime of the Ancient Mariner*.

B. For class study and analysis :

1900—Shakespeare, *Macbeth* ; Milton, *Paradise Lost*, Books I. and II. ; Burke, *Speech on Conciliation with America* ; Macaulay, *Essays on Milton and Addison*.

1901—Shakespeare, *Macbeth* ; Milton, *L'Allegro*, *Il Penseroso*, *Comus* ; Burke, *Speech on Conciliation with America* ; Macaulay, *Essays on Milton and Addison*.

1902—Shakespeare, *Macbeth* ; Milton, *Lycidas*, *L'Allegro*, *Il Penseroso*, *Comus* ; Burke, *Speech on Conciliation with America* ; Macaulay, *Essays on Milton and Addison*.

Equivalents in standard literature will be accepted from those who have not had opportunity to read these works.

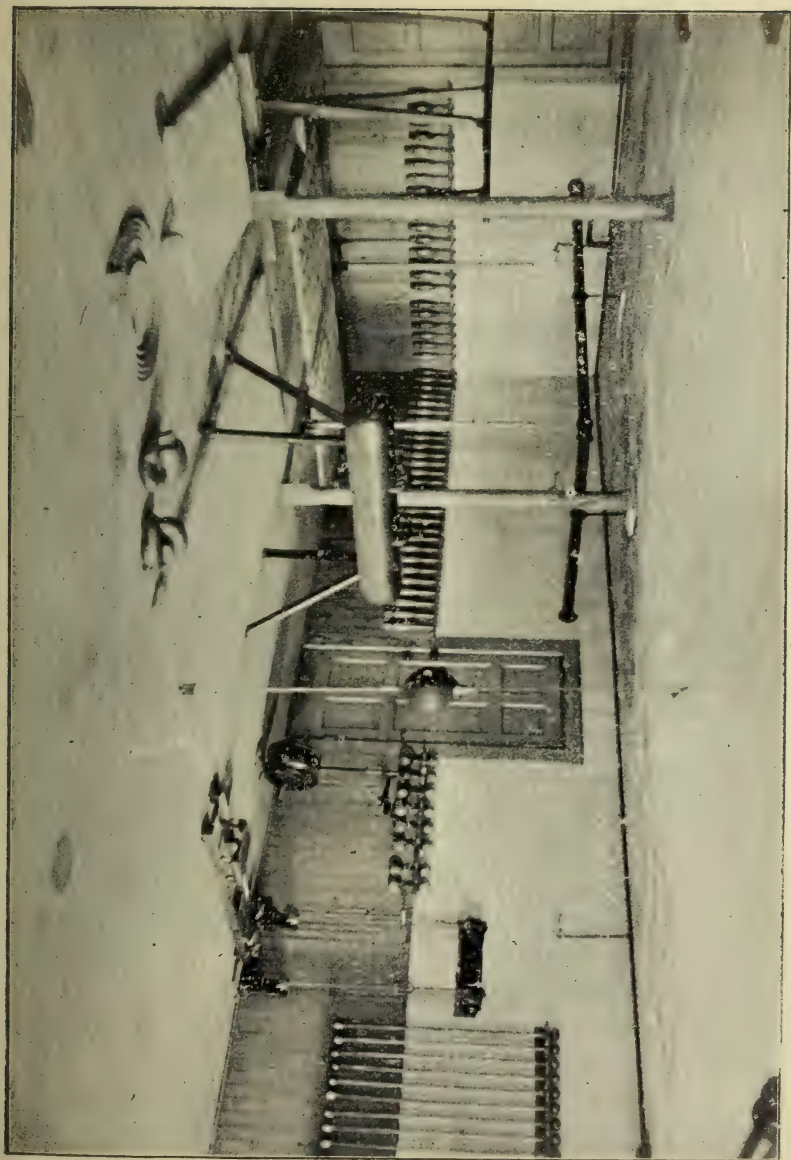
2. Latin—A thorough knowledge of Bennett's or Allen and Greenough's *Grammar* ; three books of *Caesar* ; seven orations of *Cicero* ; six books of *Vergil* ; thirty pages of *Ovid* or its equivalent, one additional oration of *Cicero* ; Bennett's and Jones's *Prose Composition*.

3. Greek—Goodwin's *Grammar* ; Pearson's *Prose Composition* ; three books of the *Anabasis*, or the same amount of the *Memorabilia* ; six books of the *Iliad*.

4. Mathematics—*Arithmetic* ; Wentworth's *School Algebra* ; Bowser's *College Algebra* ; Wentworth's *Plane Geometry*.

5. History—A thorough knowledge of *United States History* and *General History*.

6. Science—A fair knowledge of the elements of *Zoology*, *Physiology*, *Physics*, *Chemistry*, and *Botany*.





Candidates for admission to the Freshman class of the Philosophical or Scientific courses will be excused from Greek, but must possess instead a fair knowledge of German Grammar, and the ability to read easy German prose at sight.

Students not prepared to enter the college will be classified in the proper year of the academic course.

## Expenses.

Expenses are about as follows:

	Fall Term.	Winter Term.	Spring Term.
1. Tuition and library fee.....\$	14.50	\$ 12.50	\$ 9.50
2. Room rent from.....	4.50— 8.00	4.50— 7.50	3.00— 6.00
3. Board in college club from....	30.00—35.00	25.00—27.50	22.00—27.00
4. Laboratory fee. ....	2.00	2.00	2.00
Total for each term.....	\$51.00—59.50	\$44.00—49.50	\$36.50—44.50
Total for year from.....	\$131.50 to \$153.50.		

In the case of young men boarding in town, and of young women, items 2 and 3 combined will be \$105.00 to \$140.00.

The same rates are charged in the College and in the Academy.

Extra tuition will be charged for special courses in Art, in Music, and in the Commercial Department. See Special Courses.



## DORMITORY ROOM LIST.

No.	F.	W.	S.	No.	F.	W.	S.
8	\$8 00	\$7 50	\$6 50	25	\$6 00	\$5 50	\$4 50
9	7 50	7 00	6 00	26	6 50	5 00	4 00
10	7 50	7 50	6 50	27	6 00	5 50	4 50
11	7 50	7 00	6 00	28	5 50	5 00	4 00
12	8 00	7 50	6 50	29	6 00	5 50	4 50
13	7 50	7 00	7 00	30	8 50	7 50	6 50
14	7 50	7 00	6 00	31	5 00	4 50	4 00
15	8 00	7 50	6 50	32	7 50	7 00	6 00
16	7 50	7 00	6 00	33	6 50	6 00	5 00
17	8 00	7 50	6 50	34	7 50	7 00	6 00
18	7 50	7 00	6 00	35	7 50	7 00	6 00
19	8 00	7 50	6 50	36	6 50	6 00	5 00
20	7 50	7 00	6 00	37	7 50	7 00	6 00
21	7 50	7 00	6 00	38	6 50	6 00	5 00
22	5 50	5 00	4 00	39	6 50	6 00	5 00
23	5 50	5 00	4 00	40	5 00	4 50	4 00
24	6 00	5 50	4 50	41	Bell-ringer's room.		

# The College.

## DEPARTMENTS OF INSTRUCTION.

### I. PHILOSOPHY.

(1.) Logic, Deductive and Inductive. (2.) Psychology, Physiological and General. (3.) Ethics, Philosophical and Biblical. (4.) History of Philosophy. (5.) Aesthetics. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Logic presents thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention.

Fall term, Junior year—three hours a week.

2. Psychology is treated with constant reference to physiology, and the courses in physiological and general psychology are so arranged as to supplement each other. Late discoveries and theories receive due attention.

Fall and Winter terms, Senior year—three hours a week.

3. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories.

Fall term, Senior year—three hours a week.

4. The work in History of Philosophy is criticism of theories. Special attention is given to the modern development of Philosophy.

Winter and Spring terms, Senior year—three hours a week.

5. An elective in Aesthetics is offered, in which the theory of beauty is discussed.

Spring term, Senior year.

## II. RELIGION.

(1.) Natural Theology. (2.) Comparative Religion. (3.) Bible History. (4.) Church History. (5.) New Testament Greek.

1. Natural Theology presents the rational basis of theism.

Winter term, Junior year—three hours a week.

2. Comparative Religion establishes the superiority of Christianity over other forms of religion.

Spring term, Junior year—three hours a week.

3. The course in Bible History traces the historical origin and preservation of the Scriptures, the formation of the canon, the development of the history and doctrine, and outlines the contents and purposes of the separate books of the Bible.

Fall term, Senior year—three hours a week.

4. The work in Church History covers the several epochs of the development of the church, and the relations of Christianity to the progress of civilization.

Winter and Spring terms, Senior year—three hours a week.

5. An elective in New Testament Greek is offered, in which various portions of the Gospels and Epistles are read, and the peculiarities of Hellenistic Greek are pointed out.

## III. POLITICAL SCIENCE.

(1.) Political Economy. (2.) International Law. (3.)

Constitutional Law. (4.) Sociology. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Political Economy presents economic history, economic theory, and practical economic problems. Special attention is given to money, banking, wages, and taxation.

Fall term, Junior year—three hours a week.

2. In International Law the grounds and leading principles of the relations of states are set forth.

Winter term, Junior year—three hours a week.

3. Particular study is given to the Constitution and Government of the United States. Ancient and modern European systems of government are compared with the American.

Spring term, Junior year—three hours a week.

4. A course in Sociology is given, in which the phenomena of society and present social problems are discussed.

Spring term, Senior year—three hours a week.

#### IV. LATIN.

(1.) Livy. (2.) Cicero. (3.) Horace. (4.) Philosophical Latin. (5.) Satirical Latin. (6.) Epistolary Latin. (7.) Historical Latin. (8.) Poetical Latin. (9.) Dramatical Latin. (10.) Latin Literature.

1. Livy: Books I. and XXI., with lectures on the Punic war.

Fall term, Freshman year—four hours a week.

2. Cicero: De Senectute and De Amicitia.

Winter term, Freshman year—four hours a week.

3. Horace: Odes and Epodes.

Spring term, Freshman year—four hours a week.

Courses 1, 2, and 3 are required of all classical and philosophical students.

4. Philosophical Latin: Cicero, *De Officiis*; Seneca, *Selected Essays*.

Fall term, Sophomore year—three hours a week.

5. Satirical Latin: Comparative Roman Satire; Martial; Horace, *Satires and Epistles*.

Winter term, Sophomore year—three hours a week.

6. Epistolary Latin: *Selected Letters of Seneca, Pliny, Cicero*.

Spring term, Sophomore year—three hours a week.

Courses 4, 5, and 6 are required of all Sophomores in the classical and philosophical departments, and may be selected by Junior students. These courses interchange with 7, 8, and 9.

In 1901–1902 are offered the following courses:

7. Historical Latin: Tacitus, *Germania* and *Agricola*; Suetonius, *De Vita Cæsaris*.

Fall term, Sophomore year—three hours a week.

8. Poetical Latin: Post Augustan Poetry.

Winter term, Sophomore year—three hours a week.

9. Dramatical Latin: Terence and Plautus; one Post-Augustan Tragedy.

Spring term, Sophomore year—three hours a week.

10. Latin Literature: This course immediately succeeds course 9 of the Greek Department.

Winter and Spring terms, Sophomore year—two hours a week.



## V. GREEK.

(1.) Historical Greek. (2.) Oratorical Greek. (3.) Poetical Greek. (4.) Aristotle. (5.) Greek Philosophy. (6.) Greek Literature. (7.) Dramatical Greek. (8.) Philosophical Greek. (9.) Greek Literature.

1. Historical Greek: Thucydides, Book VII.; Herodotus, extracts from Books VI. and VII. The peculiarities of style are especially noted and differences clearly marked and studied.

Fall and Winter terms, Freshman year—four hours a week.

2. Oratorical Greek: Phillipics of Demosthenes, selected orations of Lysias. An outline study of Greek oratory is presented.

Winter and Spring terms, Freshman year—four hours a week.

3. Poetical Greek: Selected Odes of Pindar and the Lyric Poets; also several books of the Odyssey.

Fall and Winter terms, Sophomore year—three hours a week.

4. Aristotle: Poetics.

Spring term, Sophomore year—three hours a week.

5. Greek Philosophy.

Fall term, two hours a week.

6. Greek Literature.

Winter and Spring terms, two hours a week.

Courses 5 and 6 are required of all Freshmen and Sophomores.

In 1901-1902 will be given :

7. Dramatical Greek : Tragedy, *Electra* of Sophocles, *Prometheus* of Aeschylus, *The Alcestis* of Euripides; Comedy, *The Clouds* of Aristophanes. Study of the Greek theater, together with lectures on the influence of the drama on Grecian life and philosophy.

Fall and Winter term, Sophomore year—three hours a week.

8. Philosophical Greek: Plato, *The Republic*.

Spring term, Sophomore year—three hours a week.

9. Greek Literature: Course 6 will be again offered.

Fall and Winter terms, Sophomore year—two hours a week.

For N. T. Greek, see 5 under Religion.

## VI. GERMAN.

(1.) Schiller, *Wilhelm Tell*. (2.) Freytag, *Soll und Haben*. (3.) Various authors. (4.) Select readings.

1. Schiller's *Wilhelm Tell*. Other selections from Schiller.

Fall term, Freshman year—four hours a week.

2. Freytag's *Soll und Haben*.

Winter term, Freshman year—four hours a week.

3. Prose from various authors.

Spring term, Freshman year—four hours a week.

4. Readings from Goethe, Schiller, Lessing, Heyse, Hoffman, and others.

Fall, Winter, and Spring terms, Sophomore year—four hours a week.

The course gives the student a practical knowledge of the language, places him in direct communication with the leaders of German thought, acquaints him with some of the masterpieces of German literature, and develops power for independent research. Careful attention is given to grammatical construction and correct pronunciation. To promote fluency, to cultivate the memory, and to impress accurate pronunciation, a number of selections from standard authors are memorized.

## VII. FRENCH.

A course in French, similar to that in German, will be given, if desired by a sufficient number of students.

## VIII. ENGLISH.

(1.) Advanced Rhetoric. (2.) Elocution. (3.) English Literature. (4.) American Literature.

1. Advanced Rhetoric and Composition.

Freshman year—four hours a week.

2. Elocution. Thorough instruction and drill in declamation and oratory.

Freshman year—two hours a week.

3. English Literature.

Fall and Winter terms, Junior year—four hours a week.

4. American Literature.

Spring term, Junior year—four hours a week.

## IX. HISTORY.

(1.) English History. (2.) French History. (3.) History of Civilization. (4.) Bible History. (5.) Church History. (6.) Political History. (7.) Constitutional History.

1. English History.

Fall and Winter terms, Sophomore year—three hours a week.

2. French History.

Spring term, Sophomore year—four hours a week.

3. History of Civilization.

Spring term, Junior year—three hours a week.

4. Bible History.

Fall term, Senior year—three hours a week. (See 3 under Religion.)

5. Church History.

Winter and Spring terms, Senior year—three hours a week. (See 4 under Religion.)

6. Political History.

Fall term, Senior year—three hours a week. Elective for all courses.

7. Constitutional History.

Winter term, Senior year—three hours a week. Elective for all courses.

(Text-books, discussions, abstracts, essays on assigned topics, in all classes.)

Throughout the course the standpoint is that of world history. Only those facts are made prominent which have a traceable relation to general progress. The importance of individuals, nations, movements, and institutions, is measured by their contribution to civilization. Political and constitutional changes receive much attention.

## X. MATHEMATICS.

- (1.) Solid and Spherical Geometry. (2.) Plane Trigonometry. (3.) Spherical Trigonometry and Surveying. (4.) Analytic Geometry. (5.) Calculus. (6.) Astronomy. (7.) Higher Mathematics.

## 1. Solid and Spherical Geometry.

Fall term, Freshman year—five hours a week.

## 2. Plane Trigonometry.

Winter term, Freshman year—five hours a week.

## 3. Spherical Trigonometry and Surveying.

Spring term, Freshman year—five hours a week.

## 4. Analytic Geometry.

Fall term, Sophomore year—four hours a week.

## 5. Calculus.

Winter and Spring terms, Sophomore year—four hours a week.

Courses 4 and 5 are required of all Scientific students, elective for Classical and Philosophical students.

6. Astronomy, descriptive, mathematical, and historical. Lectures, constellation study, and observational work with the telescope.

Winter and Spring terms, Junior year—four hours a week.

7. Advanced courses in Differential and Integral Calculus, Determinates and Theory of Equations, Elementary Mechanics, or Descriptive Geometry will be given as electives for Juniors and Seniors, if called for.

This department is provided with an excellent transit and



other necessary accessories for field work in surveying; also astronomical globes and maps. A number of astronomical and mathematical magazines are on file in the college library.

## XI. SCIENCE.

### A. PHYSICS.

#### (1.) Advanced Physics.

1. Kinematics. Molar, Molecular, and Ether Dynamics. Text, Gage. References, Stewart and Gee, Barker, Ganot, and others.

Fall and Winter terms, Sophomore year—text and laboratory, each, four hours a week.

### B. CHEMISTRY.

(1.) Inorganic Chemistry. (2.) Organic Chemistry.  
(3.) Qualitative and Quantitative Analysis.

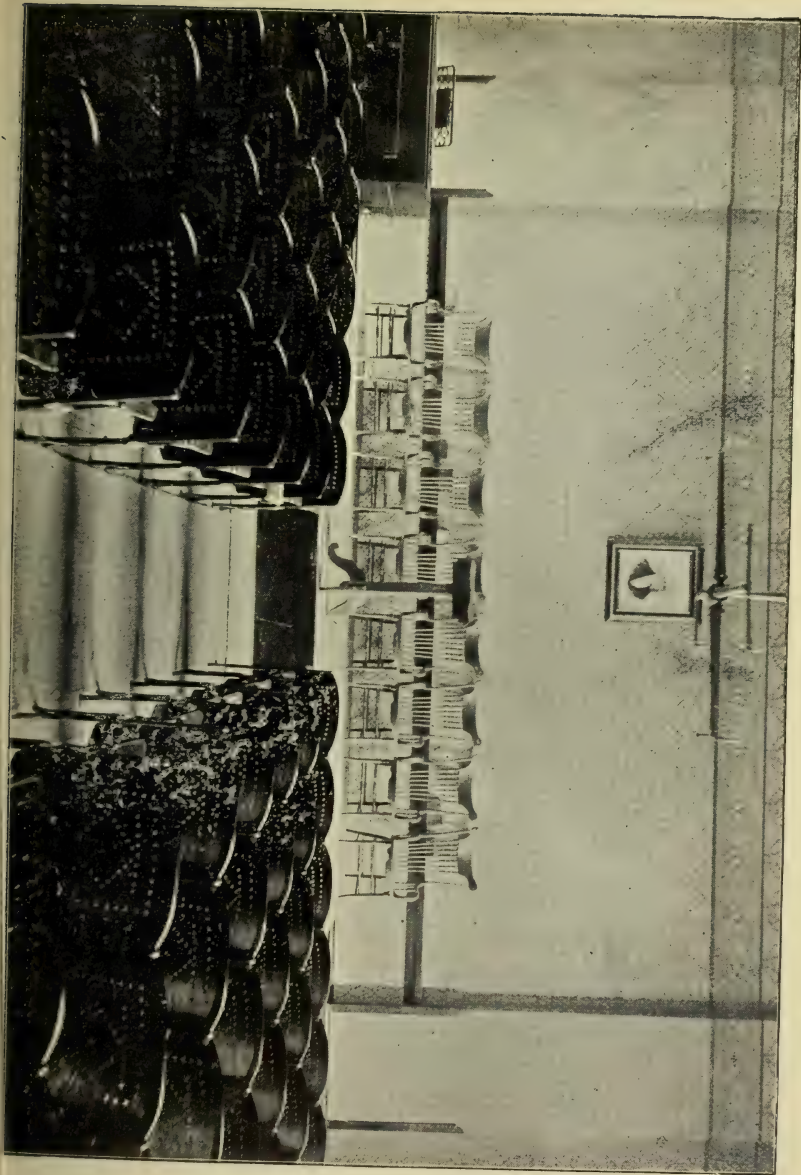
1. Fundamental laws and principles of the science; analysis, synthesis, and metathesis; chemical equations and problems; laboratory work with notes. Texts, Remsen and Freer.

Spring term, Sophomore year—three hours a week.

2. Compounds of carbon; methane and ethane and their halogen; oxygen and sulphur derivatives; hydrocarbons of the marsh gas series; paraffine derivatives; carbohydrates; nitrogen compounds; unsaturated compounds; benzine series and derivatives; glucosides; alkaloids, etc. Texts, Remsen's Organic Chemistry and Orndorff's Laboratory Manual.

Fall and Winter terms, Junior year—two consecutive hours, three days a week.

3. Independent and accurate observation is required.





Large practice is given in the determination of unknown substances. This course may be substituted for Organic Chemistry.

Fall and Winter terms, Junior year—two consecutive hours, three days a week.

4. Functions of the plant, including nitrogenous and mineral constituents; membranous diffusion; assimilation, condition of vegetation; soil, formation, composition, alteration, relation to light, heat, and moisture; fertilizers, composition, application and value; relation of geology, physics, and chemistry to agriculture.

Spring term—three hours a week. Elective.

Chemistry is taught by laboratory practice, supplemented by suitable text books. Such instruction is given as will prepare the student for professional courses in chemical philosophy and chemical technology.

#### C. GEOLOGY.

Dynamical, structural, stratigraphical, and historical geology. The rare collections of the museum, a full set of models of crystals, a set of European minerals, geological maps and charts, make the equipment of this department unusually complete. The students visit mines and other localities where typical minerals and fossils are found.

Senior year—four hours a week.

#### D. BIOLOGY.

(1.) Invertebrate Zoology. (2.) Morphology and classification of plants. (3.) Spring plants. (4.) Fall plants. (5.) General Zoology. (6.) Anatomical Technology.

1. Invertebrate Zoology, laboratory work.

Fall term, Freshman year—four hours a week.

2. Morphology and classification of plants.

Winter term, Freshman year—four hours a week.

3. Classification and ecology of dominant groups of spring plants.

Spring term, Freshman year—four hours a week.

4. Classification and ecology of dominant groups of fall plants.

Fall term, Sophomore year—four hours a week.

5. General Zoology.

Winter and Spring terms, Sophomore year—four hours a week.

6. Anatomical Technology, Human Osteology, and the anatomy of the cat.

Fall and Winter terms, Junior year—four hours a week.

## XII. PHYSICAL CULTURE.

In the gymnasium and through the Athletic Association, ample provision is made for the physical well-being of the students. It is, however, the policy of the school to make physical culture merely supplementary. The object is to furnish healthful recreation without detracting from class work. Tours are forbidden and the number of match games reduced to the minimum.

## XIII. SPECIAL COURSES.

Instruction in the following courses is offered. Particular information may be obtained by addressing the Chairman of the Faculty, or the instructor in charge.



## ART.

The studio, a large well-lighted room, is supplied with materials for study—easels, studies, and still-life.

COURSE IN ART.—First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water color painting (monochrome) from still life. Perspective.

SECOND YEAR. Drawing from casts, drapery, and groups of objects, in charcoal and crayon. Pen and ink drawing. Painting from still life, in oil and water color. Perspective. Artistic anatomy.

THIRD YEAR. More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color, and pastel. Art history.

FOURTH YEAR. Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

## MUSIC.

In this department, beginners and advanced students will find classes suited to their needs.

## COMMERCIAL BRANCHES.

Instruction is given in Book-keeping, Business Practice, Pitmanic Shorthand, and Typewriting.

# Outline of College Courses.

The College offers three distinct courses of instruction, each of which leads to an appropriate degree.

NOTE.—Required subjects are in Roman type, electives in small capitals.

## FRESHMAN.

I. CLASSICAL.			II. PHILOSOPHICAL.			III. SCIENTIFIC.		
	SUBJECT.	Hrs. Cr.		SUBJECT.	Hrs. Cr.		SUBJECT.	Hrs. Cr.
FALL.	Latin IV-1	56	Latin IV-1	56	Biology XI-D-1	56		
	Greek V-1	56	German VI-1	56	German VI-1	56		
	Greek Phil. V-5	28	Greek Phil. V-5	28	Greek Phil. V-5	28		
	Mathematics X-1	70	Mathematics X-1	70	Mathematics X-1	70		
	Rhetoric VIII-1	56	Rhetoric VIII-1	56	Rhetoric VIII-1	56		
	Elocution VIII-2	28	Elocution VIII-2	28	Elocution VIII-2	28		
WINTER.	Latin IV-2	48	Latin IV-2	48	Biology XI-D-2	48		
	Greek V-1	48	German VI-2	48	German VI-2	48		
	Greek Lit. V-6	24	Greek Lit. V-6	24	Greek Lit. V-6	24		
	Mathematics X-2	60	Mathematics X-2	60	Mathematics X-2	60		
	Rhetoric VIII-1	48	Rhetoric VIII-1	48	Rhetoric VIII-1	48		
	Elocution VIII-2	24	Elocution VIII-2	24	Elocution VIII-2	24		
SPRING.	Latin IV-3	40	Latin IV-3	40	Biology XI-D-3	40		
	Greek V-2	40	German VI-3	40	German VI-3	40		
	Greek Lit. V-6	20	Greek Lit. V-6	20	Greek Lit. V-6	20		
	Mathematics X-3	50	Mathematics X-3	50	Mathematics X-3	50		
	Rhetoric VIII-1	40	Rhetoric VIII-1	40	Rhetoric VIII-1	40		
	Elocution VIII-2	20	Elocution VIII-2	20	Elocution VIII-2	20		





OUTLINE OF COLLEGE COURSES—*Continued.*

## SOPHOMORE.

I. CLASSICAL.			II. PHILOSOPHICAL.			III. SCIENTIFIC.		
	SUBJECT.	HRS. CR.		SUBJECT.	HRS. CR.		SUBJECT.	HRS. CR.
FALL.	Latin IV-4	42	Latin IV-4	42	Biology XI-D-4	56		
	Greek V-3	42	German VI-4	56	German VI-4	56		
	Greek Phil. V-5	28	Greek Phil. V-5	28	Greek Phil. V-5	28		
	Phys.-Lab. XI-A-1	56	Phys.-Lab. XI-A-1	56	Phys.-Lab. XI-A-1	56		
	Biology XI-D-1	56	Biology XI-D-1	56	Eng. Hist. IX-1	42		
	Eng. Hist. IX-1	42	Eng. Hist. IX-1	42	Mathematics X-4	56		
	MATHEMATICS X-4	56	MATHEMATICS X-4	56	LATIN IV-1	56		
	*GERMAN A-1	70						
WINTER.	Latin IV-5	36	Latin IV-5	36	Biology XI-D-5	48		
	Greek V-3	36	German VI-4	48	German VI-4	48		
	Greek Lit. V-6	24	Greek Lit. V-6	24	Greek Lit. V-6	24		
	Phys.-Lab. XI-A-1	48	Phys.-Lab. XI-A-1	48	Phys.-Lab. XI-A-1	48		
	Biology XI-D-2	48	Biology XI-D-2	48	Eng. Hist. IX-1	36		
	Eng. Hist. IX-1	36	Eng. Hist. IX-1	36	Mathematics X-5	48		
	MATHEMATICS X-5	48	MATHEMATICS X-5	48	LATIN IV-2	48		
	*GERMAN A-2	60						
SPRING.	Latin IV-6	30	Latin IV-6	30	Biology XI-D-5	40		
	Greek V-4	30	German VI-4	40	German VI-4	40		
	Greek Lit. V-6	20	Greek Lit. V-6	20	Greek Lit. V-6	20		
	Chemistry XI-B-1	30	Chemistry XI-B-1	30	Chemistry XI-B-1	30		
	Biology XI-D-3	40	Biology XI-D-3	40	French Hist. IX-2	40		
	French Hist. IX-2	40	French Hist. IX-2	40	Mathematics X-5	40		
	MATHEMATICS X-5	40	MATHEMATICS X-5	40	LATIN IV-3	40		
	*GERMAN A-3	50						

\*See Academy course.



# OUTLINE OF COLLEGE COURSES—*Continued.*

## JUNIOR.

I. CLASSICAL.			II. PHILOSOPHICAL.			III. SCIENTIFIC.		
	SUBJECT.	Hrs. Cr.		SUBJECT.	Hrs. Cr.		SUBJECT.	Hrs. Cr.
FALL.	Logic I-1	42		Logic I-1	42		Logic I-1	42
	Political Econ. III-1	42		Political Econ. III-1	42		Political Econ. III-1	42
	Chem.—Lab. XI-B-2	42		Chem.—Lab. XI-B-2	42		Chem.—Lab. XI-B-2	42
	Biology XI-D-4	56		Biology XI-D-4	56		Biology XI-D-6	56
	English Lit. VIII-3	56		English Lit. VIII-3	56		English Lit. VIII-3	56
	LATIN IV-4	42		LATIN IV-4	42		FRENCH VII	42
	GERMAN VI-1	56		FRENCH VII	42		MATHEMATICS X-7	42
WINTER.	FRENCH VII	42						
	Natural Theology II-1	36		Natural Theology II-1	36		Natural Theology II-1	36
	Intern't'l Law III-2	36		Intern't'l Law III-2	36		Intern't'l Law III-2	36
	Chem.—Lab. XI-B-2	36		Chem.—Lab. XI-B-2	36		Chem.—Lab. XI-B-2	36
	Biology XI-D-5	48		Biology XI-D-5	48		Biology XI-D-6	48
	English Lit. VIII-3	48		English Lit. VIII-3	48		English Lit. VIII-3	48
	Astronomy X-6	48		Astronomy X-6	48		Astronomy X-6	48
SPRING.	LATIN IV-5	36		LATIN IV-5	36		FRENCH VII	36
	GERMAN VI-2	48		FRENCH VII	36			
	FRENCH VII	36						
	Comp. Religion II-2	30		Comp. Religion II-2	30		Comp. Religion II-2	30
	Constitut'l Law III-3	30		Constitut'l Law III-3	30		Constitut'l Law III-3	30
	Biology XI-D-5	40		Biology XI-D-5	40		Hist. Civilization IX-3	30
	Hist. Civilization IX-3	30		Hist. Civilization IX-3	30		American Lit. VIII-4	40
	American Lit. VIII-4	40		American Lit. VIII-4	40		Astronomy X-6	40
	Astronomy X-6	40		Astronomy X-6	40		FRENCH VII	30
	LATIN IV-6	30		LATIN IV-6	30		BIOLOGY	40
	GERMAN VI-3	40		FRENCH VII	30		Ag. CHEM. XI-B-4	30
	FRENCH VII	30						

OUTLINE OF COLLEGE COURSES—*Continued.*

## SENIOR.

I. CLASSICAL.			II. PHILOSOPHICAL.			III. SCIENTIFIC.		
	SUBJECT.	Hrs. Cr.		SUBJECT.	Hrs. Cr.		SUBJECT.	Hrs. Cr.
FALL.	Psychology I-2	42	Psychology I-2	42	Psychology I-2	42	Psychology I-2	42
	Ethics I-3	42	Ethics I-3	42	Ethics I-3	42	Ethics I-3	42
	Bible Hist. IX-4	42	Bible Hist. IX-4	42	Bible Hist. IX-4	42	Bible Hist. IX-4	42
	Geology XI-C	56	Geology XI-C	56	Geology XI-C	56	Geology XI-C	56
	GERMAN VI-4	56	FRENCH VII	42	FRENCH VII	42	FRENCH VII	42
	FRENCH VII	42	POLITICAL HIST. IX-6	42	POLITICAL HIST. IX-6	42	POLITICAL HIST. IX-6	42
	N. T. GREEK II-5	42						
WINTER.	Psychology I-2	36	Psychology I-2	36	Psychology I-2	36	Psychology I-2	36
	Hist. Philosophy I-4	36	Hist. Philosophy I-4	36	Hist. Philosophy I-4	36	Hist. Philosophy I-4	36
	Church Hist. IX-5	36	Church Hist. IX-5	36	Church Hist. IX-5	36	Church Hist. IX-5	36
	Geology XI-C	48	Geology XI-C	48	Geology XI-C	48	Geology XI-C	48
	GERMAN VI-4	48	FRENCH VII	36	FRENCH VII	36	FRENCH VII	36
	FRENCH VII	36	CONST'L HIST. IX-7	36	CONST'L HIST. IX-7	36	CONST'L HIST. IX-7	36
	N. T. GREEK II-5	36						
SPRING.	Sociology III-4	30	Sociology III-4	30	Sociology III-4	30	Sociology III-4	30
	Hist. Philosophy I-4	30	Hist. Philosophy I-4	30	Hist. Philosophy I-4	30	Hist. Philosophy I-4	30
	Church Hist. IX-5	30	Church Hist. IX-5	30	Church Hist. IX-5	30	Church Hist. IX-5	30
	Geology XI-C	40	Geology XI-C	40	Geology XI-C	40	Geology XI-C	40
	GERMAN VI-4	40	AESTHETICS I-5	30	AESTHETICS I-5	30	AESTHETICS I-5	30
	N. T. GREEK II-5	30						
	AESTHETICS I-5	30						

The numbers immediately following the name of a subject refer to the Department and the Course. Thus, Psychology I-2 means Philosophy course 2.

The hours credit (Hrs. Cr.) divided by the number of weeks in a term gives the number of recitations a week. The fall term runs fourteen weeks, the winter twelve, the spring ten.

## Degrees.

The University confers the following degrees: the degree of Bachelor of Arts upon graduates of the classical course; that of Bachelor of Philosophy upon graduates of the philosophical course; and that of Bachelor of Science upon graduates of the scientific course.

It is required for graduation that the student shall have completed the prescribed work in one of the courses leading to a degree.

In addition to the Bachelor's degrees the degree of Master of Arts is conferred upon graduates of the classical and philosophical courses who shall have completed prescribed work in Philosophy, History, Latin or Greek, with examination and thesis.

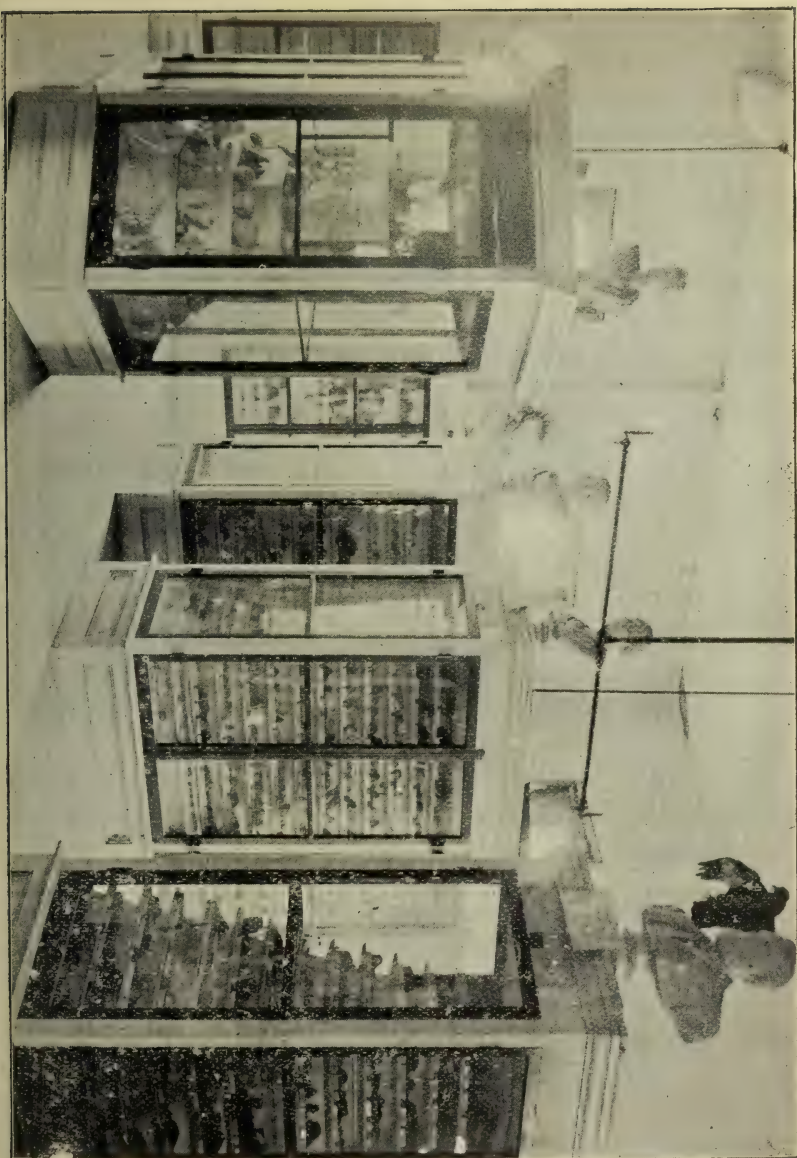
The degree of Master of Science is conferred upon graduates of the scientific course who shall have completed prescribed work in Chemistry and Physics, Biology or Mathematics, with examination and thesis.

These degrees will not be conferred in less than two years after graduation. It is desirable that at least one year be spent in resident work at the College. The final examinations must in all cases be taken at the College. The thesis must be printed or typewritten and becomes the property of the College.

The College no longer confers degrees in course.

The College does not offer a course leading to the degree of Doctor of Philosophy.

A fee of five dollars is charged for the Bachelor's diploma; a fee of ten dollars for the Master's diploma.







# The Academy.

The Academy offers three distinct courses, each the foundation for one of the College courses. The scientific and philosophical courses are admirably adapted to the needs of those intending to teach.

Students are permitted to enter any class for which they are prepared and are classified in the catalogue according to their attainments.

Instruction in the Academy is given by the regular College professors. The students have all the privileges of the College.

All subjects in each course are required of those who enter on that course.

All studies run throughout the academic year. No credit toward promotion or entering on college work is given for part of a year's work.

## COURSE OF STUDY BY DEPARTMENTS.

### I. LATIN.

(A-1.) Beginning Latin. (B-1.) Cæsar. (B-2.) Cicero. (C-1.) Vergil. (C-2.) Ovid.

A-1. Beginning Latin: Principles, forms, syntax, vocabulary, accuracy and speed in translation. Includes also a course in easy Latin prose composition and easy Latin reading. Text-books: Smiley and Storke's Beginning Latin Book, Bennett's Prose Composition and Grammar, D'Ooge and Daniell's Second Year Latin Book.

Fall, Winter, and Spring terms, Junior year—five hours a week.

B-1. Cæsar: Books I., II., V. Latin Prose Composition. Text-books: D'Ooge and Daniell's Second Year Latin Book, Jones's Prose Composition.

Fall term, Middle year—five hours a week.

B-2. Cicero: Seven orations, with a brief study of the History of the Republic. Text-book: Allen and Greenough's Cicero.

Winter and Spring terms, Middle year—five hours a week.

C-1. Vergil: The Aeneid, accompanied by an outline of the History of the Early Empire. Text-book: Comstock's Vergil.

Fall and Winter terms, Senior year—five hours a week.

C-2. Ovid: Selections. Text-book: Kelsey's Ovid.

Spring term, Senior year—five hours a week.

## II. GREEK.

(A-1.) Beginning Greek. (B-1.) Xenophon. (B-2.) Homer.

A-1. Beginning Greek: Forms, vocabulary, oral and written translations. Easy prose composition and reading. Text-books: White's First Greek Book, Pearson's Prose Composition, Goodwin's Grammar, Goodwin's Anabasis.

Fall, Winter, and Spring terms, Middle year—five hours a week.

B-1. Xenophon. Three books of the Anabasis. Prose Composition continued.

Fall term, Senior year—five hours a week.

B-2. Homer: Six books of the Iliad. Special attention to the development of epic poetry.

Winter and Spring terms, Senior year—five hours a week.

### III. GERMAN.

(A-1.) German Grammar. (A-2.) Joyne's Reader.

(A-3.) Storm's Immensee.

A-1. German Grammar, easy prose reading.

Fall term, Senior year—five hours a week.

A-2. Grammar, Joyne's Reader.

Winter term, Senior year—five hours a week.

A-3. Storm's Immensee and short stories from various authors.

Spring term, Senior year—five hours a week.

### IV. FRENCH.

A course in French, similar to that in German, will be given, if desired by a sufficient number of students.

### V. ENGLISH.

(A.) Grammar. (B.) Elementary Rhetoric.

A. English Grammar.

Junior year—five hours a week.

B. Elementary Rhetoric.

Middle year—five hours a week.

### VI. HISTORY.

General History.

Junior year—five hours a week.

### VII. MATHEMATICS.

(A.) Higher Arithmetic. (B.) Beginning Algebra.

(C-1.) Advanced Algebra. (C-2.) Plane Geometry.

A. Higher Arithmetic.

Junior year—five hours a week.

B. Beginning Algebra.

Middle year—five hours a week.

C-1. Advanced Algebra.

Fall term, Senior year—five hours a week.

C-2. Plane Geometry.

Winter and Spring terms, Senior year—five hours a week.

## VIII. SCIENCE.

### A. PHYSICS.

Elementary Physics. Text-book: Carhart and Chute. Laboratory Manual: Experimental Physics, Stone.

Fall and Winter terms, Senior year—five hours a week.

### B. CHEMISTRY.

Elementary Chemistry. Text-book: Freer. Laboratory Manual: Williams.

Winter and Spring terms, Senior year—five hours a week.

### C. BIOLOGY.

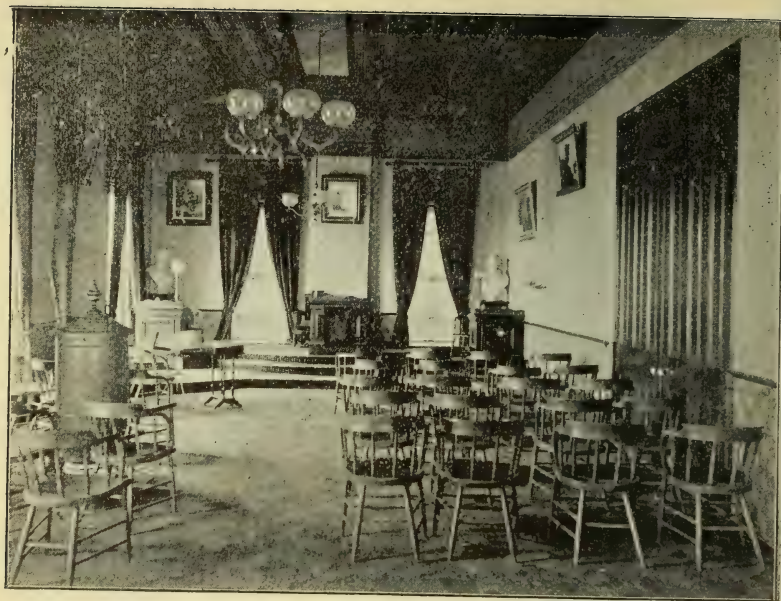
Elementary Biology. One term each of Zoology, Physiology and Botany.

Middle year—five hours a week.

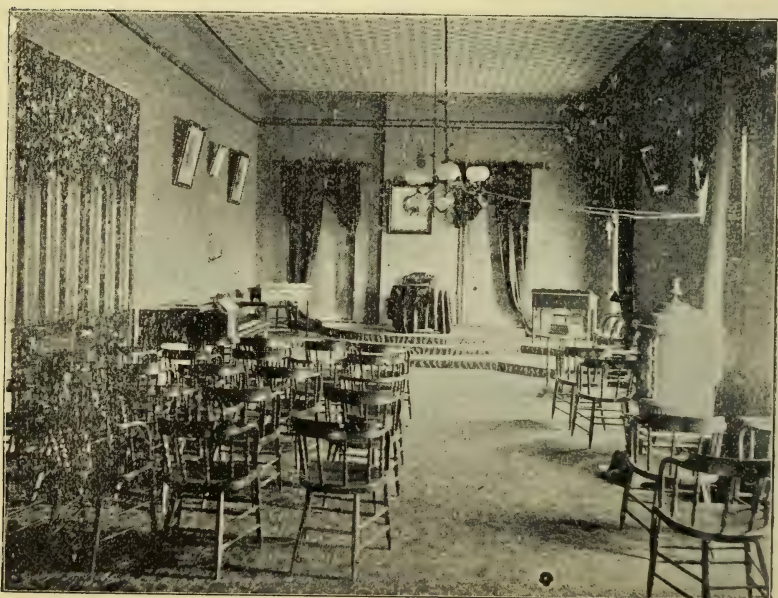
NOTE.—For Physical Culture and Special Courses, all of which are open to Academy students on the same terms as to College students, see Departments XII. and XIII. of the College.







PHILOMATHEAN SOCIETY HALL.



ORTHOPATETIC SOCIETY HALL.

# Outline of Academy Course.

## COURSE OF STUDY.

### JUNIOR YEAR.

Fall.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.
Winter.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.
Spring .....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.

### MIDDLE YEAR.

Fall.....	{	Latin—Cæsar. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cæsar. El. Zoology. Beg. Algebra. El. Rhetoric.	Latin—Cæsar. El. Zoology. Beg. Algebra. El. Rhetoric.
Winter.....	{	Latin—Cicero. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Physiology. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Physiology. Beg. Algebra. El. Rhetoric.
Spring .....	{	Latin—Cicero. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Botany. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Botany. Beg. Algebra. El. Rhetoric.

## SENIOR YEAR.

Fall.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Xenophon.	Beg. German.	Beg. German.
		Adv. Algebra.	Adv. Algebra.	Adv. Algebra.
		El. Physics.	El. Physics.	El. Physics.
Winter.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		Physics—Chem.	Physics—Chem.	Physics—Chem.
Spring.....	{	Latin—Ovid.	Latin—Ovid.	Latin—Ovid.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		El. Chemistry.	El. Chemistry.	El. Chemistry.

All subjects five hours a week.

NOTE.—By reference to the Course of Study, outlines of the work done in each subject may be found.

# List of Students.

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## THE COLLEGE.

### SENIOR YEAR.

Parks, Harris Braley, s.....Carlinville

### JUNIOR YEAR.

Conley, Florence Elizabeth, c.....Carlinville

Strain, Robert Seela, c.....Nokomis

Warnack, Lillian, s.....Upper Alton

Younger, Thomas, c.....Carlinville

### SOPHOMORE YEAR.

Andel, Elsa, p.....Carlinville

### FRESHMAN YEAR.

Brown, Spencer Gilson, c.....Brighton

Burnett, Bessie, p.....Carlinville

Burton, Cornelia Rider, c.....Carlinville

Crowder, Herbert Alexander, p.....Carlinville

Culp, Martha Mahala, c.....Womac

Gamble, Irwin Horace, c.....Hillsboro

Fischer, Gertrude Elfrieda, c.....Carlinville

Green, William Albert, c.....Carlinville

Hemphill, Victor Herman, c.....Carlinville

Hirsch, Albert, s.....Girard

Keplinger, Cora Mae, s.....Carlinville

McClure, Chas. King, p.....Carlinville

Messick, Nellie Rebecca, c.....Carlinville

Meyer, Elizabeth, c.....Carlinville

Olmstead, Chas. Allen, c.....Carlinville

Rinaker, Clarissa, c.....Carlinville

Turnbull, Ida, c.....Carlinville

Tyler, George Chapman, p.....Divernon

## THE ACADEMY.

## SENIOR YEAR.

Boysen, Marie Jeanette, <i>c.</i>	Carlinville
Burton, Robert, <i>c.</i>	Carlinville
Denby, Mary Myrtle, <i>s.</i>	Nilwood
Dresser, Lawrence Tyler, <i>c.</i>	Divernon
Jones, William John, <i>c.</i>	Virden
Liston, Joseph Bostwick, <i>s.</i>	Carlinville
Martin, Marie, <i>c.</i>	Brownstown
Steward, Edna Mae, <i>c.</i>	Carlinville
Woods, Charles Herbert, <i>c.</i>	Carlinville

## MIDDLE YEAR.

Bell, Robert Hamilton, <i>s.</i>	Carlinville
Clarkson, Fanny, <i>s.</i>	Atwater
Compton, Nina Ethel, <i>s.</i>	Scottville
Gore, David Bell, <i>s.</i>	Carlinville
Ibbetson, William Henry, <i>s.</i>	Carlinville
Meyer, Bertram Means, <i>s.</i>	Carlinville
Nevin, Arthur, <i>s.</i>	Modesto
Ogg, James Bruce, <i>s.</i>	Scottville
Parks, Bessie June, <i>c.</i>	Carlinville
Rinaker, Harriett, <i>c.</i>	Carlinville
Rouland, Adolphus Elmer, <i>c.</i>	Scottville
Stone, Charles Allen, <i>s.</i>	Shipman
Storz, Albert William, <i>s.</i>	Girard

## JUNIOR YEAR.

Ament, Clarence Roy, <i>s.</i>	Litchfield
Dufner, William, <i>s.</i>	Nilwood
Meyer, Mary Elsin, <i>s.</i>	Carlinville
Woolley, Clyde Ross, <i>s.</i>	Carlinville

## SPECIAL.

Branch, Jessie	Carlinville
Burke, Helen DuBois	Carlinville
Cole, John Aaron	Atwater
Cooper, Harry Morton	Moro
Fletcher, Wm. Edwin	Carlinville
Follet, Charles Walcott	Carlinville
Glembo, Mary Edelene	Carlinville
Hewitt, Henry Allen	Scottville





Y. M. C. A. HALL.



OIOPARTHENIAN SOCIETY.



Hounsley, John Samuel .....	Chesterfield
Hughes, Charles Earle.....	Carlinville
Keeler, Clara Budd.....	Carlinville
Kirkpatrick, Olive Maud .....	Anna
Kistner, Henry William.....	Carlinville
Magness, Roxy.....	Odin
Mayfield, Alfred Wier.....	Carlinville
McNeill, Georgia Alberta.....	Carlinville
Padfield, Frank Wilbur.....	Atwater
Price, Ira.. .....	Atwater
Robertson, Mary.....	Carlinville
Steinmeyer, Marie Henrietta.....	Carlinville
Surman, Theodore John.....	Carlinville
Talley, LeRoy.....	Piasa
Thorpe, Edwin Lemen.....	Carlinville
Valentine, Ralph Frank.....	Carlinville

## ART.

Anderson, Lucile.....	Carlinville
Baker, Ann.....	Carlinville
Boatman, Edna.....	Carlinville
Clanton, Edna.....	Carlinville
Dawson, Theresa.....	Carlinville
Keplinger, Ruth. ....	Carlinville
Lumpkin, Mrs. C. J.....	Carlinville
Otwell, Anna .....	Carlinville
Otwell, Bertha.....	Carlinville
Patchen, Nellie.....	Carlinville
Steinmeyer, Lizzie.....	Carlinville
Steward, Edna.....	Carlinville

## SUMMARY.

## THE COLLEGE—

Seniors.....	1
Juniors. ....	4
Sophomores .....	1
Freshmen .....	18

## THE ACADEMY—

Senior.....	9
Middle. ....	13
Junior.....	4

Special .....	24
Art.....	12
Total.....	86
Counted twice.....	1
Net enrollment .....	85

## ALUMNI.

1870.

Carson, Harlan P.....	Minister.....	Scotland, S. D.
Dawes, Orrie, (Mrs. Nicholas Du Bois).....		Springfield
McMillan, Duncan J.....	Minister.....	New York City
Minton, William B.....	Minister.....	Virden
Smith, Charles J....	Merchant.....	Seattle, Wash.
Spencer, Milton J. R.		
*Welch, John C,		

1871.

Dalby, John W.....	Teacher.....	Barr's Store
DuBois, Nicholas.....	Draughtsman.....	Springfield
Holden, William L.....	Merchant.....	Manitowoc, Wis.
Johnson, Clara, (Mrs. Peter Denby).....		Carlinville
Luternan, Gottfried. ....	Minister. ....	Elmhurst
McLane, W. W.....	Minister.....	New Haven, Conn.
Parks, Adolphus H.....	Minister.....	Hutchinson, Kan.

1872.

Berry, Kate, (Mrs. Charles Burgdorff).....		Carlinville
Corn, Emma, (Mrs. Henry McMillan) .....		Salt Lake City
Fishback, Mollie, (Mrs. Henry Corn).....		Wichita, Kan
Johnston, William..	Minister.....	Pacific Beach, Cal.
Holden, Kate, (Mrs. Andrew Wood).....		Chicago
*Mayo, Florence, (Mrs. James Towey)		
Minton, Edward.....	Physician.....	Oakdale, Neb.

1873.

*Bailey, Grace, (Mrs. John Muckle).		
Crum, Xerxes X.....	Insurance.....	Cleveland, O.
Culp, Silas W.....	Editor.....	Morrisonville
Gilbert, Edward A.....	Lawyer.....	York, Neb.
Holliday, Fannie, (Mrs. C. A. Moore) ...		St. Paul, Minn.
Illsley, William H.....	Minister.....	Leon, Ia.
Loomis, Webner E .....	Lawyer.....	Springfield

\*Deceased.

\*McCune, Miles V.

Montgomery, Henry H.....Lawyer.....Carrollton

Palmer, Lyman L.....Editor.....Chicago

\*Powers, Meroe.

Soule, Wm. L.

Strange, Ferdinand G.....Minister.....Ashland, Ore.

1874.

\*Brown, Delia.

Deal, John... ..Physician.....Riverton

Holliday, Wm. C... ..Civil Engineer.....Clinton, Mo.

Joplin, Martha, (Mrs. Cyrus Sawyer).....Nashville

\*Mayo, Libbie

Minton, Kate, (Mrs. Newton Gray).....Livermore, Cal.

Rinaker, Thomas.....Lawyer.....Carlinville

Soule, Chas. B... ..Insurance... ..Leadville, Colo.

Venable, Eleanor, (Mrs. W. H. Nutting).....Salt Lake City

1875.

Bailey, John W... ..Minister.....Topeka, Kan.

Bell, Alexander H.....Lawyer.....Carlinville

Blackburn, Flora C.....Teacher.....Salt Lake City

Davis, Clinton... ..Farmer.....Carlinville

Enos, John J.....Express Agent.....Portland, Ore.

Gilson, Edward P.....Lawyer.....Shipman

\*Halsey, Fred S.

Holliday, Geo. S.....Lawyer.....Clinton, Mo.

Loomis, Horace W.....Lawyer.....Silver City, N. M.

McClure, James A.....Carlinville

Otwell, Anna E.....Teacher.....Carlinville

Powers, Gertrude, (Mrs. Roe).....Kansas City, Mo.

Smith, John N. B.....Minister.....Ningpo, China

Tiebout, Charles A.....Farmer.....Roseland, La.

Walker, John A.

1876.

Burton, Frank W... ..Lawyer.....Carlinville

DuBois, Agnes E.....Curator Museum.....Springfield

Glass, Zaidee.....Mason City

Hamilton, Nora.....Chicago

Holliday, Sue E.....Clinton, Mo.

Loomis, Fanny J., (Mrs. Benjamin Dorsey).....Alton

Olmsted, Charles A.....Farmer.....Shipman

Van Horn, Joel.

Wallace, Henry H.....Physician.....Chicago

\*Deceased.



1877.

Dugan, John H.

Gray, Newton.....Druggist.....Livermore, Cal.

Logan, Lillian, (Mrs. Page).....Chicago

Mayo, Lou B., (Mrs. Edward Gilbert).....York, Neb.

Moore, Thos. E.....Merchant.....Carlinville

Meyers, Melanethoa M.....Assumption

1878.

Campbell, John S.....Teacher.

\*Fansler, William A.

Harrington, Geo.....Teacher.....Chicago

Howell, Julia A., (Mrs. Mundy French).....Mattoon

Mayfield, Nellie P., (Mrs. Wm. Reed, Jr.).....Carlinville

Sargent, Herbert H. ....Col. U. S. Army. Manila, Philippine Islands

\*Wilson, Thos. R.

1879.

\*Brown, Howard S.

Du Bois, Lucy A .....Teacher.....Wichita, Kan.

Hoben, Michael .....Lawyer.....Carlinville

Hughes, Annie K.....Carlinville

McClure, Milton.....Lawyer.....Beardstown

Soule, Frank.....Editor.....Chicago

1880.

Fishback, Alice.....Chicago

Gore, Victor M.....Lawyer.....Benton Harbor, Mich.

Hurd, Hattie S.....Tuscola

Mayo, Carrie P., (Mrs. Samuel Rinaker).....Beatrice, Neb.

Nutting, Chas. C.. ....Prof. Iowa Univ.....Iowa City, Iowa

Rinaker, Samuel .....Lawyer.....Beatrice, Neb.

Ross, Mildred F., (Mrs. Geo. F. Fanning).....Carlinville

Ruark, Alice W., (Mrs. E. C. Roads).....East St. Louis

\*Tunnell, Wm. H.

Weaver, Florence E., (Mrs. Justin James).....Chicago

Whittaker, Clara S., (Mrs. Victor M. Gore).....Benton Harbor, Mich.

1881.

Berry, Herbert.

\*Blackburn, Chas.

Brown, Chas. W.,.....Lawyer.....Rapid City, S. D.

Gore, M. A., (Mrs. Chas. W. Brown).....Rapid City, S. D.

Hankins, Charles C... ..Physician.....Golden City, Mo.

Merz, Henry .....Prof. Wyo. Univ.....Laramie, Wyo.

\*Deceased.

Miller, Ethel A., (Mrs. G. W. Dugger) .....	Pasadena, Cal.
Mounts, William L.....	Lawyer.....Carlinville
Schlueter, Henry C.....	Minister.....Baltimore, Md.
*Tarbet, Henry B.	
Tarbet, William L.....	Chicago

## 1882.

Chapman, Charlotte E., (Mrs. Joseph Rowett).....	Joliet
Du Bois, Hugh M.....	Real Estate.....Wichita, Kan.
Gilbert, Charles A .....	Lawyer.....York, Neb.
Koester, Louise .....	Carlinville
Lee, Florence, (Mrs. Speaks) .....	Salina, Kan.
Lee, Theo. Y.....	Minister.....Spanish Fork, Utah
McCord, William E.....	Minister.....New York City
Miller, Alice, (Mrs. Taylor Crow).....	Fairmount
Sargeant, Charles.....	Mech. Engineer.....Chicago
Sewall, Mamie, (Mrs. Hugh De Bois) .....	Wichita, Kan.
Thomas, Marvel.....	Physician.....Gillespie
Wilson, John W. ....	Minister .. .. .Weston, O.
Witte, Elizabeth.....	Teacher.....Boston, Mass.

## 1883.

Foster, Lottie, (Mrs. Tabott) .....	Chillicothe, Mo.
Hopkins, Lynn C.....	Lawyer... ..Carrollton
Hurd, Edwin G.....	Teacher.....Philadelphia, Penn.
Searcy, James B .. ..	Lawyer.....Palmyra
Sewall, George H....	Editor.....Virden
Sewall, Grace.....	Stenographer.....Chicago
Taggart, Bertie, (Mrs. W. E. Andrews) .....	Taylorville
Underkoffler, Georgia, (Mrs. Malcolm Greenleaf).....	Carlinville
Wilson, Charles F.....	Minister.....Reno

## 1884.

Andrews, W. E.....	Teacher.....Taylorville
Armstrong, F. S.....	Business.....Salt Lake City
Armstrong, J. C.....	Manufacturer.....Lockport, N. Y.
Blackburn, Chas. H.	
Clark, Hattie E., (Mrs. Wones).....	St. Louis, Mo.
Gilbert, W. W.....	Business.....Carlinville
Hankins, Leon C.....	Clerk.....Carlinville
Hulse, W. R.....	Real Estate.....Carlinville
*Keeler, Carrie.	
Kimball, Mabel E., (Mrs. Union).....	Chicago
King, S. H.....	Minister.....Seymour, Iowa
Lynch, Lillie B.....	Carlinville

\*Deceased.

McKee, Herbert R .....	Merchant.....	Denver, Colo.
*Minton, R. L.		
Otwell, William B.....	Nurseryman.....	Carlinville
Paddock, Porter, .....	Lawyer.....	Toledo, Ohio
Ross, Pierce T.....	Ass't Bank Cashier.....	Carlinville
Wheat, Samuel C.....	Dentist .....	Kansas City, Mo

1885.

Brown, Charles M .....	Minister .	Jacksonville
Hurd, Carrie, (Mrs. Charles M. Brown)...		Jacksonville
Hurd, Clara, (Mrs. A. Taylor).....		Farmersburg, Ind.
Kelley, Cassie.....	Teacher.....	Carlinville
Lumpkin, Clement J .....	Editor..	Carlinville
Nutting, Helen M., (Mrs. C. A. Highfield).....		Manchester, Ia.
Rinaker, John I. ....	Architect.....	Springfield
Ruark, Lillian .....	Stenographer.....	St. Louis, Mo.
Tunnell, Mamie, (Mrs. Boyle).....		Plainview

1886.

Balcar, Benjamin T.....	Minister .....	Monticello, Ia.
Bird, Olive, (Mrs. Coy Roach).....		Girard
Carrico, Laura, (Mrs. George White).....		Cedar Keys, Fla.
Diebel, Albert.....	Book-keeper.....	St. Louis, Mo.
Forde, L. H.....	Minister.....	Castlewood, S. D.
*Hersman, Lizzie, (Mrs. C. C. Nutting).		
Hunter, James M.....	Farmer.....	Bakersfield, Cal.
Jordan, Geo. F.....	Editor.....	Seneca, Kan.
McHenry, Herbert.....	Minister.....	Delhi, Minn.
Minton, Hugh M. ....	Surveyor.....	Carlinville
Nutting, Annie S., (Mrs. J. M. Ross).....		Warrensburg, Mo.
Ross, J. M.....	Minister.....	Warrensburg, Mo.
Sewall, William J.....	Editor .....	Carthage, Mo.
Taylor, Alfred G.....	Minister.....	Farmersburg, Ind.
Vancil, Burke.....	Lawyer.....	Springfield
Vancil, Effie, (Mrs. G. Jordan)...		Seneca, Kan.
Wortman, Henry.....	Minister.....	George, Ia.

1887.

Griffes, James L.....	Minister .....	Remington, Ind.
Graham, Charles W.....	Teacher.	
Hinckley, John W ...		Onarga
Lingle, William H.....	Minister ..	Manila, Philippine Islands
Matthews, John Palmer.....	Physician.....	Carlinville
McClure, James E.....	Lawyer.....	Carlinville
Cloud, Alva.....		The Klondike
Hersman, Ella, (Mrs. A. G. McGraw).....		Etawah, India

\*Deceased.

## 1888.

Highfield, Charles A.....	Minister.....	Manchester, Iowa
Hunter, Mary, (Mrs. Austin)....		Lone Pine, Cal.
Kessinger, S. W.....	Editor .....	Litchfield
Lumpkin, Mattie, (Mrs. Sterman).....		Owensboro, Ky.
McClure, Edmonia B., (Mrs. Jesse Peebles) .....		Carlinville
Rinaker, Lewis.....	Lawyer .....	Chicago
Smith, Harry.....	Minister .....	Golden, Colo.
Vancil, Ollie, (Mrs. Lewis Rinaker).....		Chicago
White, George L.....	Minister.....	Cedar Keys, Fla.

## 1889.

Berry, A. L.....	Minister... ..	Livermore, Ia.
Caldwell, Georgia, (Mrs. Allard).....		Atwater
Foster, James E.....	Minister.....	Martinsburg, Ia.
Hays, W. L.....	Minister .....	Newberry, Mich.
Mayo, Walter S .....	Farmer.....	Carlinville
McCord, Rosamond.....		New York City
Peebles, Jesse.....	Lawyer. ....	Carlinville
Silsby, Frances O., (Mrs. W. H. Parker).....		Table Rock, Neb.
Witt, W. E.....	Lawyer.....	Raymond, Ill.

## 1890

Bird, Daisy, (Mrs. Hugh Minton).....		Carlinville
Caldwell, Bessie, (Mrs. S. W. Kessinger).....		Litchfield
Deadrick, Hattie.....	Teacher .....	Carlinville
Galt, W. A.....	Minister....	Omaha Agency, Neb.
Johnson, Mamie, (Mrs. Everett Turnbull).....		Carlinville
Robinson, John H. ....	Editor.....	Boston, Mass.
Russell, W. M.....	Lawyer .....	Bluffdale

## 1891.

Burgdorff, Amanda J., (Mrs. E. E. Gore).....		Chicago
Freark, F. A.....	Teacher .....	Springfield
Keys, Elfie M.....	Teacher.....	Carlinville
Johnson, George B.....	Electrician .....	Chicago
Sims, Claribel, (Mrs. F. T. Conner) .....		St. Louis, Mo.
*Sargent, Ernest True.		

## 1892.

Anderson, William Hamilton.....	Lawyer.....	Springfield
Crowell, Walter Harrison.....		The Klondike
Fisher, Frank Bean.....	Physician .....	Springfield
Tunnell, Susan Jane, (Mrs. F. G. Wood).....		Girard
Yaeger, Marie Anita, (Mrs. P. A. Cowan) .....		Vicksburg, Miss.

1893.

Finch, Lydia Bissell.....	Chesterfield
Harris, Edwin.....	Minister ..... Brighton
Johnson, Henry Willard....	Real Estate..... New York City
Parks, Edna Blackburn.....	Medical Missionary..... China

1894.

Benson, James Andrew.....	Minister ..... Minneapolis. Minn.
Benson, Lewis Alonzo.....	Minister..... Philadelphia. Pa.
Challacombe, Wesley Adams.....	Prof. Blackburn Univ..... Carlinville
Matthews, Lucy Myra, (Mrs. H. S. Gaines).....	Kansas City, Mo.
Otwell, Clarice.....	Teacher ..... Carlinville
Peebles, Earl Metcalf.....	Business..... Carthage, Mo.
Warner, Charles Henry.....	Minister..... New York City

1895.

Costello, Richard William.....	Teacher..... Carlinville
David, Herbert A.....	Editor ..... Carlinville
Galt, Carrie.....	Teacher ..... Springfield
Loveless, Milo James.....	Teacher ..... Virden
Peebles, Roy Bird.....	Business..... Carthage, Mo.
Simpson, Austin Ulysses.....	Physician ..... Chicago
Sims, Margaret Maud, (Mrs. J. E. Pence).....	Carlinville
Strain, John Newton.....	Minister ..... Virginia
Thorpe, Eliza Esther Williams.....	Teacher ..... Carlinville
Wilson, William Wallace.....	Minister ..... Oakland

1896.

Horine, William H.....	Physician..... St. Louis, Mo.
Mosser, Geo. Herbert.....	Editor..... Mattoon
Pryse, Jessie.....	Teacher..... Humboldt, Neb.
Wilson, George Duncan.....	Lawyer ..... Mattoon

1898.

Corbin, Paul Leaton.....	Minister..... Carlinville
Crowder, Truman Luther.....	Express Agent..... Carlinville
Culp, Cladius Coltrain.....	Farmer..... Womac
Horine, Anna Mary.....	Teacher..... Carlinville
McCord, Calvin Gould.....	Prof. Del Norte Col.... Del Norte, Colo.
Rode, Harry.....	Student Columbia Univ.. New York City

1899.

Anderson, C. H. C.....	Farmer..... Carlinville
Lane, Lora A.....	Teacher..... Medora
Phelps, Gertrude E.....	Carlinville
Wood, W. S.....	Teacher..... Springfield



# Honorary Degrees Conferred.

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1873.

\*Rev. C. A. Foote, D. D.

1878.

Rev. D. S. Johnson, D. D., Hinsdale.

1880.

\*Hon. E. Y. Rice, LL. D.

\*Rev. R. D. Van Dursen, D. D.

\*Rev. John B. L. Soule, D. D.

1881.

\*Rev. John A. Pinkerton, D. D.

Rev. Herman C. Riggs, D. D., Rochester, N. Y.

1882.

\*Julius S. Taylor, Ph. D., Donor Taylor Museum.

Rev. W. W. McLane, D. D., New Haven, Conn.

Rev. R. C. Moffat, D. D., Walkerton, Ontario.

1884.

Elisha Gray, LL. D., Highland Park.

1885.

Rev. W. W. Faris, D. D., Miami, Florida.

Rev. W. C. Whitford, D. D., Milton, Wis.

1886.

Rev. L. N. Stratton, D. D., Wheaton.

Charles Robertson, M. S., Carlinville.

1888.

Rev. M. N. Powers, D. D.

Rev. A. S. Dean, D. D., Monmouth.

\*Rev. E. S. McMichael, D. D.

Rev. Robert C. Galbraith, D. D., Chillicothe, Mo.

Prof. J. D. Conley, Ph. D., Carlinville.

1889.

Rev. Jas. E. Rogers, D. D., Springfield.

Rev. John W. Rogers, D. D.

Rev. Ira C. Tyson, D. D., Denver, Col.

\*Deceased.

1890.

Rev. Charles N. Wylder, D. D., Champaign.

Rev. H. P. Carson, D. D., Scotland, South Dakota.

\*Rev. E. D. Wilkin, D. D.

1891.

Rev. J. N. B. Smith, D. D., Ningpo, China.

Rev. W. H. Penhallagon, D. D., Decatur.

1892.

Pres. John W. Cook, LL. D., Normal.

Prof. A. C. Butler, M. A., Taylorville.

\*Rev. James Lewis, D. D.

1893.

Rev. Richard Edwards, D. D., ex-Pres. B. U., Bloomington.

Rev. W. A. Hunter, D. D., Fort Collins, Colo.

Dr. A. C. Corr, M. A., Carlinville.

Prof. G. W. Smith, M. A., Carbondale.

1894.

Rev. P. Mason Bartlett, LL. D., Maryville, Tenn.

Rev. J. A. Piper, D. D.

Rev. W. S. Pryse, D. D., Humboldt, Neb.

Rev. Edgar W. Clark, D. D., Pana.

1895.

Rev. Samuel C. Palmer, D. D., St. Louis, Mo.

Rev. S. J. McPherson, LL. D., Lawrenceville, N. J.

1897.

Rev. Henry T. Miller, D. D., Detroit, Mich.

1898.

Rev. Chas. C. Snyder, D. D., Riverside.

\*Samuel M. Inglis, LL. D.

Rev. W. J. Tull, D. D., Clinton.

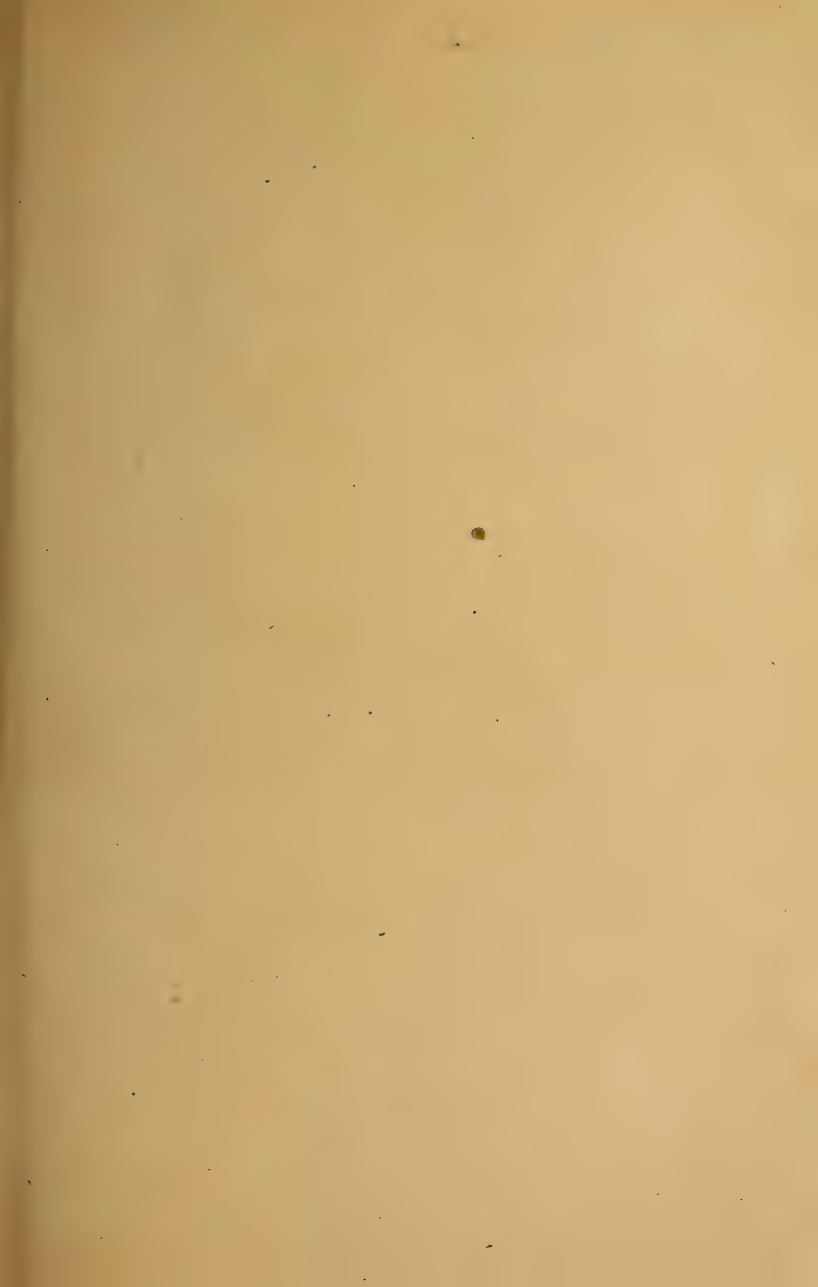
1899.

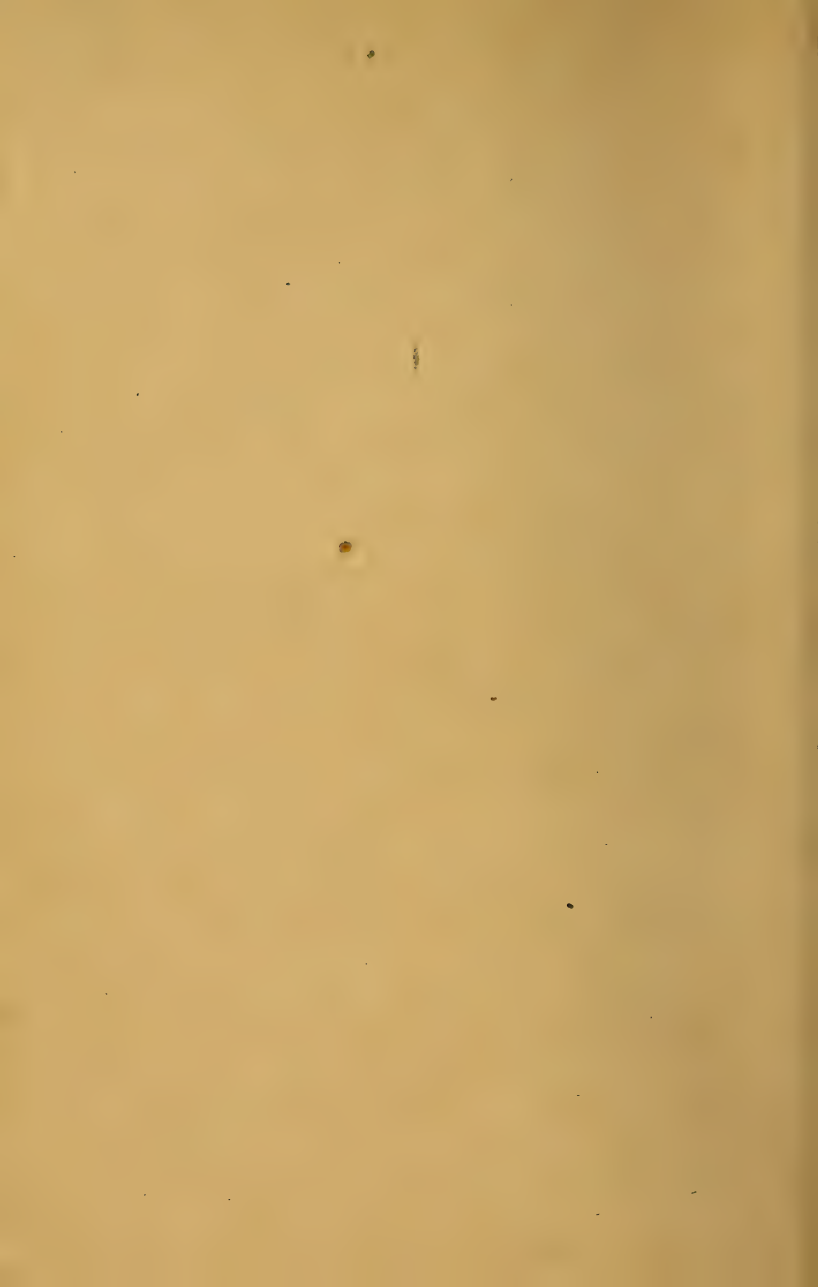
Wesley A. Challacombe, M. S., (*in cursu*) Carlinville.Mrs. H. S. Gaines, A. M., (*in cursu*) Kansas City, Mo.Anna M. Horine, A. M., (*pro merito*) Carlinville.Lewis Rinaker, M. S., (*in cursu*) Chicago.Rev. John N. Strain, A. M., (*in cursu*) Virginia.Rev. Chas. H. Warner, A. M., (*in cursu*) New York City.

\*Deceased.











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UNIVERSITY OF ILLINOIS

# Blackburn University.

The College.  
The Academy.

1900-1901.



THIRTY-SEVENTH

ANNUAL CATALOGUE

# Blackburn University

THE COLLEGE

THE ACADEMY

1901-1902

CARLINVILLE, ILLINOIS

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# CALENDAR.

1902.

## FIRST TERM.

September 10, Wednesday	<div> <div>Chapel, 9 a. m.</div> <div>Enrollment, 9:30 a. m. to 12 m.</div> <div>Examinations, 1:00—4:00 p. m.</div> </div>
September 11, Thursday	..... Recitations Begin
November 27—28, Thursday, Friday	..... Thanksgiving Recess
December 17—20, Wednesday—Saturday	..... Term Examinations
December 20, Saturday	..... Term Ends

1903.

## SECOND TERM.

January 5, Monday	..... Second Term Begins
January 29, Thursday	..... Day of Prayer for Colleges
March 25—28, Wednesday—Saturday	..... Term Examinations
March 27, Saturday	..... Term Ends

## THIRD TERM.

March 30, Monday	..... Third Term Begins
June 3—6, Wednesday—Saturday	..... Term Examinations
June 7, Sunday, 10:30 a. m.	..... Baccalaureate Sermon
June 7, Sunday, 8 p. m.	..... Commencement Sermon
June 8, Monday, 8 p. m.	..... Junior Exhibition
June 9, Tuesday, 11 a. m.	..... Annual Meeting of the Board of Trustees
June 9, Tuesday, 8 p. m.	..... Address to the Literary Societies
June 10, Wednesday, 10 a. m.	..... Commencement
June 10, Wednesday, 8 p. m.	..... Senior Reception

## TRUSTEES.

Rev. S. M. Morton, D. D.....	Effingham
G. W. Davis.....	Carrollton
Thos. Rinaker, Secretary.....	Carlinville
Rev. W. H. Penhallagon, D. D.....	Decatur
Rev. James E. Rogers, D. D.....	Springfield
Milton McClure.....	Beardstown
A. H. Bell.....	Carlinville
Rev. W. B. Minton.....	Greenville
F. W. Burton.....	Carlinville
J. P. Matthews, M. D.....	Carlinville
Rev. T. D. Logan, D. D., President. ....	Springfield
D. W. Taylor.....	Litchfield
Rev. C. M. Brown, D. D.....	Jacksonville
Chas. G. Brown.....	Divernon
Thomas L. Fansler.....	Evanston
Rev. Henry K. Denlinger, D. D. ....	Bloomington

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## PRUDENTIAL COMMITTEE.

Thos. Rinaker,	T. D. Logan,	S. M. Morton,
F. W. Burton,	J. P. Matthews,	A. H. Bell,
	C. M. Brown.	

Treasurer and Financial Agent, F. W. Burton.



# THE FACULTY.

---

WALTER H. BRADLEY, A. M.,

Chairman of the Faculty,  
Mental, Moral and Political Science.

JAMES E. ROGERS, PH. D., D. D.,

Blackburn Professor of Theology.

WESLEY A. CHALLACOMBE, M. S.,

Mathematics and German.

JOHN D. CONLEY, PH. D.,

Physics and Chemistry.

CHARLES ROBERTSON, PH. D.,

Biology.

ARTHUR F. HERTEL, A. M.,

Latin and Greek.

MARGARET E. HUBBARD,

Assistant in Mathematics.

KATHERINE COX,

English and History.

\* .....

Art.

\* .....

Shorthand, Typewriting.

MRS. ROBERT O. PURVIANCE,

Piano.

MRS. J. MASON BARCUS,

Vocal Music.

JOHN P. MATTHEWS, M. D.,

Physical Director of Gymnasium.

ALBERT J. BERGER,

Field Agent.

# BLACKBURN UNIVERSITY.

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## HISTORY.

In 1835, Rev. Gideon Blackburn, D. D., a Presbyterian minister, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of all the earlier colleges in New England and the east, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry, by giving them such instructions in the Holy Scriptures as may enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Quantities of fine government land being then thrown upon the market in this region, he proposed to friends of the cause, mainly in the east, to give his personal services in entering lands for them, on the following terms: Two dollars were to be paid him for each acre entered; he paid one dollar and a quarter an acre for the land, reserved twenty-five cents for his own services, and invested the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds enough to enter a fraction over 16,656 acres for the University. These lands were situated in several counties, but chiefly in Macoupin and Montgomery.

For the purpose of securing the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College Buildings.

These lands were all entered in his own name, and in May, 1837, Dr. Blackburn deeded them to certain trustees for the purpose of founding and maintaining the institution

In 1857, the trustees, in accordance with the instructions of the deed, obtained a charter from the legislature. *This charter exempts all the property of the institution from taxation forever.* In 1858-9, a building was erected on the present site. A preparatory school was opened in 1859.

In 1864-'65, a full collegiate course of study, classical and scientific, was adopted; young ladies were admitted to all the classes with the same privileges as young men. In 1867-'68, the building was enlarged and improved. In 1868, the legislature, by request of the trustees, changed the name of the institution to Blackburn University. In 1880, the building called "Robertson Hall," in honor of W. A. Robertson, M. D., who contributed most of the funds for its erection, was completed. Soon afterward the Taylor Museum, one of the finest and most extensive collections of geological fossils and specimens in the country, the munificent gift of Julius S. Taylor, M. D., Ph. D., of Kankakee, Ill., was installed.

The College has commodious buildings, adequate to all its present needs, and an able and efficient corps of instructors, but increased endowments are necessary to enable the Presbyterian Church to accomplish through this instrumentality the great work planned by its founder.

### LOCATION.

The College is situated at Carlinville, the county seat of Macoupin County, Illinois, thirty-five miles from Springfield, sixty miles from St. Louis. The Chicago & Alton and the Quincy, Carrollton & St. Louis Railroads afford access from every direction.

### GROUNDS AND CAMPUS.

The campus contains ten acres, well shaded by large maples. Elevated ground, beautiful trees, and a grove on the

east, make the site of the college one of much beauty. The athletic grounds, containing several acres, are included in the campus. In these are foot ball and base ball grounds and tennis courts. The University farm of seventy acres bounds the campus on the north and east.

### UNIVERSITY HALL.

University Hall, completed in 1868, is a three-story brick structure, containing, on the first floor, the President's office, the Library, the Oioparthenian Hall, and recitation rooms; on the second floor, recitation rooms, the Chapel, and the Art Studio; on the third floor, students' rooms. The basement contains the dining-room, the bath room and the gymnasium. The building is heated by steam.

### ROBERTSON HALL.

Robertson Hall was built especially for a science hall. On the first floor are the Chemical, Physical, and Biological Laboratories; on the second, the Taylor Museum and the Geological recitation room; on the third, the halls of the Philomathean and the Orthopatetic Literary Societies.

### MINTON OBSERVATORY.

The late Robert B. Minton, for twenty-seven years connected with the College as Professor of Mathematics, donated the Observatory Building, in which is mounted equatorially a five inch telescope, the gift of the maker, W. A. Loomis.

### LIBRARY.

The Library, on the first floor of the main building, embraces works of fiction, history, science, linguistics, archeology, and theology. It contains some books, valuable specimens of the bookmaker's art, more than four hundred years old.

During the current year over five hundred volumes have been added to the Library; one hundred and thirty bound vol-

umes of periodicals, three hundred and fifty selected volumes from the library of the Rev. A. J. Berger, and miscellaneous gifts and purchases.

The income of a fund of five hundred dollars, the gift of Dr. Richard Edwards, is expended in the purchase of reference books for the "Richard Edwards' Memorial Reference Library."

The following publications are regularly received: The Century Magazine, Harper, Scribner, McClure, The Review of Reviews, The Forum, Popular Astronomy, Journal of Geology, American Antiquities, Men, The Assembly Herald, The Bookman, The Biblical World, Success, American Boy, Saturday Evening Post, The Literary Digest, The Interior, The Herald and Presbyter, Chicago and St. Louis daily papers, local publications, College papers, government journals and reports.

### TAYLOR MUSEUM.

The Taylor Museum, named in honor of the donor, Julius S. Taylor, M. D., Ph. D., Kankakee, Ill., was founded June 9, 1881. The original gift, representing the work of fifty years actively spent in collecting and classifying specimens, contains about twenty-five thousand fossils, eight thousand minerals, a large and valuable case of Indian relics, and a variety of miscellaneous specimens. A choice collection of modern shells and corals was presented to the museum in 1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally to this cabinet; other donations have been made, notably the Illsley and Buffington collections.

### CHEMICAL LABORATORY.

The chemical laboratory is fitted up for practical and experimental work. The most approved apparatus is provided.

Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The fee of two dollars a term covers only the cost of materials. Breakage of apparatus is charged to the student.

### PHYSICAL LABORATORY.

The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

During the year a Wimshurst's electrical machine, with Rontgen ray appliances, the gift of William L. and Charles B. Soule, Chicago, has been installed.

### GYMNASIUM.

Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. Classes for young men are conducted three times a week, and for young women, under a lady instructor, twice a week. A full complement of gymnasium apparatus is provided; parallel bars, horizontal bar, traveling rings, flying rings, climbing rope, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards, and tumbling mats.

### DORMITORY FOR YOUNG MEN.

The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated, and are heated by steam. Furniture must be provided by the occupant, though a limited amount can be rented or purchased from the college. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students rooming



in the building have control of the college boarding club, at which board is furnished at cost, averaging about two dollars a week.

### HOMES FOR YOUNG WOMEN.

Young ladies on arrival are referred to private boarding places, approved by the Faculty. Close supervision is exercised over each pupil. The cost of room and board is from three to four dollars a week.

# GENERAL INFORMATION.

## SESSIONS AND EXAMINATIONS.

The school year is divided into three terms, and students are expected and requested to be present on the opening day of each session. Examinations of all classes are held at the close of each term. The examination grade counts one-fourth.

## REPORTS TO PARENTS AND GUARDIANS.

A report of attendance, recitations, and exercises of each student is made at the close of each term to the parents or guardian. Recitations and other exercises are graded from 0 to 100. Advancement in the course depends entirely upon proficiency. No student falling below 75 in any study is allowed to enter the next higher class, until a satisfactory examination is passed; and those who, from carelessness, inattention, or indolence, fall below 65 in all their studies, are not permitted to remain in the institution.

## PRIZES.

A gold medal is annually awarded to the student making the highest average grade. All college students are eligible except winners of the medal in preceding years.

A Faculty prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 1. The competition is unrestricted.

## PRIZE WINNERS.

1899, Scholarship, Florence Conley, '01.

1900, Scholarship, Harris B. Parks, '00.

1900, Essay, Harris B. Parks, '00.

1901, Scholarship, Clarissa Rinaker, '02.

## BENEFICIARY AID.

Worthy students may receive aid from some one of the following sources :

## THE BOARD OF EDUCATION.

The Board of Education of the Presbyterian Church assists young men studying for the Presbyterian Ministry, to the amount of about \$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry, and must be members of one of the four college classes.

## PARKS SCHOLARSHIP.

This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

## CORBIT SCHOLARSHIP.

The recipient of this scholarship, founded by the late Joseph Corbit, of New York City, is chosen from year to year by the Faculty, and is entitled to his tuition for the year.

## THE FITCH FUND.

This fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students for the ministry from Bond County.

## HIGH SCHOOL SCHOLARSHIP.

To bring the college into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to the graduate of any high school in Illinois, the course

of study of which is equivalent to that required in the Academic Department. The conditions are that it shall be given to the graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

#### STUDENT JANITORS.

It is customary to employ four or five students as janitors. They are paid at the rate of \$5.00 a month each, this being sufficient to pay more than half their board in the college boarding club. These students are chosen by the Faculty, with special reference to their need and worth. One student is also chosen as bell-ringer, and is given the use of room 41.

#### EMPLOYMENT BY CITIZENS.

A limited number of young men and women find homes with private families in the town, where they pay board by work. Business houses, especially printing establishments, afford occasional opportunities for employment.

#### HARVARD SCHOLARSHIP.

A Harvard University scholarship of the annual value of three hundred dollars, established by the Harvard Club of Chicago, is open to the graduates of the college in competition with the graduates of the other universities and colleges of the state. Application must be made before May 1st, of each year. Senior students about to finish their undergraduate courses are eligible as candidates. Communications should be addressed to Mr. Murray Nelson, Jr., 99 Randolph Street, Chicago.

#### STUDENT ORGANIZATIONS.

##### YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Young Men's Christian Association meetings are held each Thursday evening.

##### YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

The Young Women's Christian Association holds weekly meetings in the College Chapel.

## LITERARY SOCIETIES.

Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory, and parliamentary law is afforded.

1. The Oioparthenian Society is open to all young women in the institution. Their hall has been re-decorated during the year and is well furnished. Meetings are held every Friday afternoon.

2. The Orthopatetic Society for young men, has a good hall in the Science Building. In connection is a reading room stocked with books and magazines. An annual prize declamation contest is held.

3. The Philomathean Society for young men, occupies a neatly furnished and well lighted hall in the Science Building. An annual oratorical contest is held.

## BLACKBURN ORATORICAL ASSOCIATION.

The Oratorical Association is a member of the Illinois Inter-Collegiate Oratorical Association and is represented in the state contest held each October.

## THE BLACKBURNIAN.

The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

## BLACKBURN ATHLETIC ASSOCIATION.

The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the University.

# ADMISSION.

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## ADMISSION TO THE COLLEGE.

All candidates for admission to the college must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismission.

Candidates for advanced standing are examined in the studies which have been pursued by the class they wish to enter; also in the requirements for admission to the college, if such standing has not been regularly attained in another institution of equal rank.

Students from academies and high schools, whose courses of study have been approved by the Faculty, will be admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received will be considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

School boards or principals, who wish to have students admitted on diploma or certificate, are requested to correspond with the Chairman of the Faculty.

Students who have done work in high schools or academies in subjects not required for admission to their courses may be allowed to substitute such work for equivalents required for entrance. Such work will not, however, be credited, as a rule, on college standing.



Students who desire to pursue selected studies may do so, if properly prepared to enter regular classes. All such students must take the examinations with the classes of which they are members.

No one will be admitted to the Freshman class until he has completed his fourteenth year, nor to advanced standing without corresponding increase of age.

The requirements for admission to the Freshman class are:

1. English—English Grammar, Elementary Rhetoric, Composition, Literature. In Literature the requirements are those adopted by the Association of American Colleges.

A. For reading and practice:

1902—George Eliot, *Silas Marner*; Pope, *Iliad*, Books I., VI., XXII., XXIV.; Addison, *Sir Roger de Coverley Papers in the Spectator*; Goldsmith, *Vicar of Wakefield*; Scott, *Ivanhoe*; Shakespeare, *Merchant of Venice*; Cooper, *The Last of the Mohicans*; Tennyson, *The Princess*; Coleridge, *The Rime of the Ancient Mariner*; Lowell, *Vision of Sir Launfal*.

B. For class study and analysis:

1902—Shakespeare, *Macbeth*; Milton, *Lycidas*, *L'Allegro*, *Il Penseroso*, *Comus*; Burke, *Speech on Conciliation with America*; Macaulay, *Essays on Milton and Addison*.

For 1903-4-5 the requirements are the same as for 1902, with following additions for reading and practice: Carlyle, *Essay on Burns*; Shakespeare, *Julius Caesar*.

Equivalents in standard literature will be accepted from those who have not had opportunity to read these works.

2. Latin—A thorough knowledge of Bennett's, Harkness' or Allen and Greenough's Grammar; three books of Caesar;

seven orations of Cicero; six books of Vergil; thirty pages of Ovid or its equivalent, one additional oration of Cicero; Bennett's or Jones' Prose Composition.

3. Greek—Goodwin's Grammar; Pearson's Prose Composition; three books of the Anabasis, or the same amount of the Memorabilia; six books of the Iliad.

4. Mathematics—Arithmetic; Academic Algebra; Plane and Solid Geometry.

5. History—A thorough knowledge of United States History and General History.

6. Science—A fair knowledge of the elements of Physics and Chemistry, and from philosophical and scientific students, of Zoology, Physiology and Botany.

Candidates for admission to the Freshman class of the philosophical or scientific courses must present, instead of Greek, a fair knowledge of German Grammar, and the ability to read easy German prose at sight.

Students not prepared to enter the college will be classified in the proper year of the academic course.

## EXPENSES.

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Expenses are estimated as follows:

	Fall Term.	Winter Term.	Spring Term.
1. Tuition and library fee.....	\$ 14.50	\$ 12.50	\$ 9.50
2. Room rent from.....	4.50— 8.00	4.50— 7.50	3.00— 6.00
3. Board in college club from.....	30.00—35.00	25.00—27.50	22.00—27.00
4. Laboratory fee.....	2.00	2.00	2.00
Total for each term.....	\$51.00—59.50	\$44.00—49.50	\$36.50—44.50
Total for year from \$131.50 to \$153.50.			

The Laboratory fee is collected only from those taking Chemistry.

In the case of young men boarding in town, and of young women, items 2 and 3 combined will be \$105.00 to \$140.00 for the year, or \$147.50 to \$182.50 for all necessary expenses.

The same rates are charged in the College and in the Academy.

Extra tuition is charged for the courses in Art, in Music, and in the Commercial Department. In Art and Music, both instrumental and vocal, the rate is fifty cents a lesson of forty-five minutes. In commercial branches about fifteen dollars a term, varying somewhat with number of lessons and time taken.

## DORMITORY ROOM LIST.

No.	F.	W.	S.	No.	F.	W.	S.
8	\$8 00	\$7 50	\$6 50	25	\$6 00	\$5 50	\$4 50
9	7 50	7 00	6 00	26	5 50	5 00	4 00
10	8 00	7 50	6 50	27	6 00	5 50	4 50
11	7 50	7 00	6 00	28	5 50	5 00	4 00
12	8 00	7 50	6 50	29	6 00	5 50	4 50
13	7 50	7 00	6 00	30	8 00	7 50	6 50
14	7 50	7 00	6 00	31	5 00	4 50	4 00
15	8 00	7 50	6 50	32	7 50	7 00	6 00
16	7 50	7 00	6 00	33	6 50	6 00	5 00
17	8 00	7 50	6 50	34	7 50	7 00	6 00
18	7 50	7 00	6 00	35	7 50	7 00	6 00
19	8 00	7 50	6 50	36	6 50	6 00	5 00
20	7 50	7 00	6 00	37	7 50	7 00	6 00
21	7 50	7 00	6 00	38	6 50	6 00	5 00
22	5 50	5 00	4 00	39	6 50	6 00	5 00
23	5 50	5 00	4 00	40	5 00	4 50	4 00
24	6 00	5 50	4 50	41	Bell-ringer's room.		

F. stands for Fall Term; W. for Winter; S. for Spring  
 When two students occupy the same room the above rates are  
 divided between them.

# THE COLLEGE.

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## DEPARTMENTS OF INSTRUCTION.

### I. PHILOSOPHY.

(1.) Logic, Deductive and Inductive. (2.) Psychology, Physiological and General. (3.) Ethics, Philosophical and Biblical. (4.) History of Philosophy. (5.) Aesthetics. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Logic presents thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention.

Fall term, Junior year—three hours a week.

2. Psychology is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention.

Fall and Winter terms, Senior year—three hours a week.

3. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories.

Fall term, Senior year—three hours a week.

4. The work in History of Philosophy is criticism of theories. Special attention is given to the modern development of Philosophy.

Winter and Spring terms, Senior year—three hours a week.

5. An elective in Aesthetics is offered, in which the theory of beauty is discussed.

Spring term, Senior year—three hours a week.

## II. THEISM AND CHURCH HISTORY.

(1.) Natural Theology. (2.) Comparative Religion. (3.) Bible History. (4.) Church History. (5.) New Testament Greek.

1. Natural Theology presents the rational basis of theism.

Winter term, Junior year—three hours a week.

2. Comparative Religion establishes the superiority of Christianity over other forms of religious belief.

Spring term, Junior year—three hours a week.

3. The course in Bible History traces the historical origin and preservation of the Scriptures, the formation of the canon, the development of the history and doctrine, and outlines the contents and purposes of the separate books of the Bible.

Fall term, Senior year—three hours a week. Elective.

4. The work in Church History covers the several periods of the development of the church, and the relations of Christianity to the progress of civilization.

Winter term, Senior year—three hours a week. Elective.

5. An elective in New Testament Greek is offered, in which selections from the Gospels and Epistles are read, and the peculiarities of Hellenistic Greek are pointed out.



## III. POLITICAL SCIENCE.

(1.) Political Economy. (2.) International Law. (3.) Constitutional Law. (4.) Sociology. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Political Economy presents economic history, economic theory, and practical economic problems. Special attention is given to money, banking, wages, and taxation.

Fall term, Junior year—three hours a week.

2. In International Law the grounds and leading principles of the relations of states are set forth.

Winter term, Junior year—three hours a week.

3. In Constitutional Law particular study is given to the Constitution and Government of the United States. Ancient and modern European systems of government are compared with the American.

Spring term, Junior year—three hours a week.

4. A course in Sociology is offered, in which the phenomena of society and present social problems are discussed.

Spring term, Senior year—three hours a week.

## IV. LATIN.

(1.) Livy, Horace, Cicero, Latin Literature. (2.) History.

1. a. Livy, Book I. (at sight) and Book XXI.

b. Horace, Odes and Epodes.

c. Cicero, Brutus.

d. Latin Literature with a special study of the character, life and times of Cicero.

Throughout the year, Freshman—four hours a week.

2. The reading of the Sophomore Year includes mainly prose-authors of the Post-Augustan Age. The following are included:

Letterwriting: Cicero, Seneca, Pliny the Younger.

Philosophy: Seneca.

Oratory: Quintillian and Tacitus.

History: Paternulus, Tacitus, Suetonius, Ammianus Marcellinus.

Satire: Petronius' *Cena Trimalchionis*.

A course in Latin Palaeography and lectures on the private life of the Romans and Roman antiquities accompany the reading.

Throughout the Year—Required of Classical and Philosophical Sophomores, 4 hours.

Elective for Juniors and Seniors, 2 hours.

## V. GREEK.

(1.) Homer, Herodotus, Demosthenes. (2.) Philosophy. (3.) Drama. (4.) Poetry. (5.) Plato. (6.) Plutarch.

1. a. Homer's *Odyssey*: Four books.

b. Herodotus: Selections from Books VI. and VII.

c. Demosthenes: *Philippics* and *Olynthiacs*.

The work also includes a review of Greek History (20 weeks) and lectures on Greek Literature (15 weeks).

Throughout the year, Freshman year—four hours a week.

2. Plato's *Apology*, *Crito* and *Phaedo* are read in the Greek. Extensive readings in English are pursued, dealing with the life and character of Socrates.

Fall term, Sophomore year—four hours a week.

3. The reading comprises: Aeschylus' *Agamemnon*; Sophocles' *Oedipus Tyrannus*; Euripides' *Alcestis*; Aristoph-

anes' Birds. Lectures on the rise and development of the Greek Drama and on the private life of the Greeks accompany the reading.

Winter and Spring terms, Sophomore year—four hours a week.

4. Greek Poetry—Pindar and Theocritus, with selections from other authors.

Fall term, Junior or Senior year—two hours a week.

5. Plato: Study of the "Republic." Three books are read in Greek, the other books in translation. Lectures and discussions on the development of the Greek state and constitution.

Winter term, Junior or Senior year—two hours a week.

6. Plutarch. The life of Themistocles is read, with a thorough study of the sources of Plutarch. Other lives are read in translation.

Spring term, Junior or Senior year—two hours a week.

## VI. GERMAN.

(1.) Schiller. (2.) Goethe, Lessing. (3.) German Authors.

1. Study of Schiller. Wilhelm Tell, Jungfrau von Orleans, Maria Stuart, Gustav Adolf in Deutschland. Prose readings from other authors.

Freshman year—four hours a week.

2. Study of Goethe and Lessing. Iphigenie auf Tauris, Hermann und Dorothea, Minna von Barnhelm, Nathan der Weise, Heine's Prose, or prose selections from other authors.

Sophomore year—four hours a week.

3. Aus der Deutschen Litteratur, Goethe's Faust, Part I, Schiller's Wallenstein. Scientific German.

Elective in Junior or Senior years—four hours a week.

All courses subject to slight change.

## VII. FRENCH.

The instruction in French covers three years, which is sufficient to give the student a good reading knowledge of the language, and a fair appreciation of its literature. The work in this department is entirely elective.

(1.) Grammar, composition. (2 and 3.) Literature.

1. Grammar, with written exercises, reading and conversation. Bruno's *Le Tour de la France*; Moliere's *L'Avare*.

Sophomore or Junior year, throughout the year—three hours a week.

2. *a.* Easy French plays or stories.

*b.* Mussett's *Pierre et Camille*; Sand's *La Mare au Diable*.

*c.* Moliere: two plays; Dumas: one play. French Literature begun.

Junior or Senior year—three hours a week.

3. *a.* Racine and Corneille. Victor Hugo.

*b.* French Prose of XVII century.

*c.* Voltaire's Prose. French Lyrics.

French Literature throughout the year.

Junior or Senior year—two hours a week.

## VIII. ENGLISH.

(1.) Advanced Rhetoric. (2.) Elocution. (3.) English Literature. (4.) American Literature. (5.) English Literature (advanced course).

1. Advanced Rhetoric and Composition.

Freshman year—four hours a week.

2. Elocution. Thorough instruction and drill in declamation and oratory.

Sophomore year—two hours a week. Elective.

## 3. English Literature.

Fall and Winter terms, Sophomore year—three hours a week.

## 4. American Literature.

Spring term, Sophomore year—three hours a week.

5. English Literature, Advanced Course. (Open only to those who have taken course 3.)

Junior or Senior year—two hours a week. Elective.

## IX. HISTORY.

(1.) English History. (2.) European History. (3.) Bible and Church History. (4.) History of Civilization. (5.) Constitutional History and Elementary Law.

## 1. English History.

Freshman year—two hours a week.

## 2. European History.

Sophomore year—three hours a week. Elective.

## 3. Bible and Church History.

Fall and Winter terms, Senior year—three hours a week. (See 3 and 4 under Religion.) Elective.

## 4. History of Civilization.

Spring term, Senior year—three hours a week. Elective.

## 5. Constitutional History and Elementary Law.

Senior year—three hours a week. Elective.

(Text-books, discussions, abstracts, essays on assigned topics, in all classes.)

Throughout the course the standpoint is that of world history. Only those facts are made prominent which have a traceable relation to general progress. The importance of

individuals, nations, movements, and institutions, is measured by their contribution to civilization. Political and constitutional changes receive much attention.

## X. MATHEMATICS.

1. Advanced Algebra. Trigonometry and Surveying. Field Work in Surveying.

Freshman year—five hours a week.

2. Analytical Geometry (fourteen weeks). Differential and Integral Calculus, (twenty-two weeks).

Sophomore year—four hours a week.

3. Courses in Theory of Functions, Elementary Mechanics, or advanced courses in Differential and Integral Calculus will be given as electives to Juniors or Seniors, if called for, four hours a week.

4. Astronomy, descriptive, mathematical, and historical. Lectures, constellation study, and observational work with five-inch telescope.

Senior year—First half year, two hours a week; last half, three hours a week.

This department is provided with an excellent transit and other necessary accessories for field work in surveying, and also with astronomical globes, maps and magazines for astronomical work.

## XI. SCIENCE.

### A. PHYSICS.

(1.) Advanced Physics.

1. Kinematics. Molar, Molecular, and Ether Dynamics.

Fall and Winter terms, Junior year—text and laboratory, five hours a week.



## B. CHEMISTRY.

- (1.) Inorganic Chemistry. (2.) Organic Chemistry.  
(3.) Qualitative and Quantitative Analysis.

1. Fundamental laws and principles of the science; analysis, synthesis, and metathesis; chemical equations and problems; laboratory work with notes.

Spring term, Junior year—five hours a week.

2. Independent and accurate observation is required. Large practice is given in the qualitative and quantitative determination of unknown substances.

Fall and Winter terms, Senior year—two consecutive hours, three days a week. Elective except for Scientific Students.

4. Functions of the plant, including nitrogenous and mineral constituents; membranous diffusion; assimilation, condition of vegetation; soil, formation, composition, alteration, relation to light, heat, and moisture; fertilizers, composition, application and value; relation of geology, physics, and chemistry to agriculture.

Spring term, Senior year—three hours a week. Elective except for Scientific Students.

Chemistry is taught by laboratory practice, supplemented by suitable text books. Such instruction is given as will prepare the student for professional courses in chemical philosophy and chemical technology.

## C. GEOLOGY.

Dynamical, structural, stratigraphical, and historical geology. The rare collections of the museum, a full set of models of crystals, a set of European minerals, geological maps and charts, make the equipment of this department unusually complete. The students visit mines and other localities where typical minerals and fossils are found.

Senior year—First half year—three hours a week. Last half year—two hours a week.

#### D. BIOLOGY.

(1.) Invertebrate Zoology. (2.) Morphology and classification of plants. (3.) Spring plants. (4.) Fall plants. (5.) General Zoology. (6.) Anatomical Technology.

1. Invertebrate Zoology, laboratory work.

Fall term, Freshman year—four hours a week.

2. Morphology and classification of plants.

Winter term, Freshman year—four hours a week.

3. Classification and ecology of dominant groups of spring plants.

Spring term, Freshman year—four hours a week.

4. Classification and ecology of dominant groups of fall plants.

Fall term, Sophomore year—four hours a week. Elective except for Scientific Students.

5. General Zoology.

Winter and Spring terms, Sophomore year—four hours a week. Elective except for Scientific Students.

6. Anatomical Technology, Human Osteology, and the anatomy of the cat.

Fall and Winter terms, Junior year—four hours a week. Elective.

#### XII. PHYSICAL CULTURE.

In the gymnasium and through the Athletic Association, ample provision is made for the physical well-being of the students. It is, however, the policy of the school to make physical culture merely supplementary. The object is to fur-

nish healthful recreation without detracting from class work. Tours are forbidden and the number of match games reduced to the minimum.

### XIII. SPECIAL COURSES.

Instruction in the following courses is offered. Particular information may be obtained by addressing the Chairman of the Faculty, or the instructor in charge.

#### ART.

The studio, a large well-lighted room, is supplied with materials for study—easels, studies, and still-life.

COURSE IN ART.—First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water color painting (monochrome) from still life. Perspective.

SECOND YEAR. Drawing from casts, drapery, and groups of objects, in charcoal and crayon. Pen and ink drawing. Painting from still life, in oil and water color. Perspective. Artistic anatomy.

THIRD YEAR. More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color, and pastel. Art history.

FOURTH YEAR. Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

#### MUSIC.

##### PIANO COURSE.

##### FIRST GRADE.

Studies . . . . .	{	Standard Grade Course—W. S. B. Matthews.
		Wieck.
		Scales.

- Compositions. { Exercises in writing notes and transposition.  
 Kleinmichel: Clavier Spielen, (4 hands,) 1st book.  
 Gurlitt: op. 1 8 (4 hands); Low, Deunee, Sartorio,  
 (4 hands)

## SECOND GRADE.

- Studies . . . . . { Duvernoy: op. 120—3 books.  
 Scales and Arpeggios.  
 Czerny.  
 Schmoll: Execution, Phrasing, Expression.
- Compositions . { Clementi, Kuhlan, Lange and Burgmuller.  
 Concone, Sartorio, Heins, Lichner, Dennee.

## THIRD GRADE.

- Studies . . . . . { Bach: Twelve Little Preludes.  
 Heller: Opus 47, 46, 45.  
 Loeschorn: op. 66, 3 books.  
 Minor Scales.
- Compositions . { Selections from Schubert, Weber, Mozart, Beet-  
 hoven, (4 hands).  
 Jungman, Jensen, Liebling.  
 Godard, Grieg, Sherwood, Mendelssohn.

## FOURTH GRADE.

- Studies . . . . . { Bach: Two Part Inventions.  
 Czerny: op. 740.  
 Heller: "Art of Phrasing" op. 6.  
 Jensen: Characteristic Studies op. 32.
- Compositions . { Schubert: Marche , (4 hands).  
 Grieg, Henselt, Chopin, Chaminade.  
 Schubert, Rubenstein, Leschetizky.  
 Moskowski, Handel.

## FIFTH GRADE.

- Studies . . . . . { Bach: French Suites.  
 Bach: Suites Anglaises.  
 Clementi: Gradus ad Parnassum.  
 Kullak: Octave Studies.  
 Moschelle : op. 70.
- Compositions . { Beethoven, Schubert, Schuman.  
 MacDowell, Chopin.  
 Moskowski, Meyer-Helmund.  
 William Mason.

## SIXTH GRADE.

Studies . . . . .	{	Chopin: op. 0 . . . op. 25.
	{	Bach, Vogrich.
Compositions .	{	Brahms, Heller, Wagner.
	{	Liszt, Chopin, Schuman.

## VOCAL COURSE.

## FIRST GRADE.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger and Concone.

## SECOND GRADE.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

## THIRD GRADE.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies of Sieber, Marchesi, Lamperti. More difficult songs. Church music.

## FOURTH GRADE.

More advanced studies for equalizing the voice in all registers, broadening the technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

## COMMERCIAL BRANCHES.

Instruction is given in Bookkeeping, Business Practice, Shorthand, Typewriting and Business Law.

# OUTLINE OF COLLEGE COURSES.

## FRESHMAN YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Latin, 1.....(4)	Latin, 1..... (4)	Biology XI-D-1, 2, 3...(4)
Greek, 1.....(4)	German, 1.....(4)	German, 1..... (4)
All Courses .....	{ Mathematics, 1.....(5)	
	{ Rhetoric, VIII-1.....(4)	
	{ English History, 1.....(2)	
Total hours required, 19.		

## SOPHOMORE YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Latin, 2.....(4)	Latin, 2..... (4)	Mathematics, 2...(4)
Greek, 2, 3.... (4)	German, 2 .....(4)	German, 2.....(4)
All Courses .....	{ English Literature, 3, 4.....(3)	
	{ Biology.. { XI-D-1, 2, 3.....(4)	
	{ XI-D-4, 5, (Scientific).....(4)	
Elective .....	{ European History, 2.....(3)	
	{ Mathematics, 2.....(4)	
	{ French, 1.....(3)	
	{ Elocution.....(2)	
Prescribed hours, 15.		
Elective       "       3.		
Total hours required, 18.		

## JUNIOR YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
All Courses . . . . .	{	Political Science, 1, 2, 3.....(3)
		Logic—Nat.Theo.—Comp. Rel. I, 1; II, 1, 2.(3)
		Physics—Chemistry XI-A-1; B-1.....(5)
Elective . . . . .	{	Latin, 2.....(2)
		Greek, 2, 3.....(2)
		French, 1 or 2.....(3)
		German, 1, 2 or 3.....(4)
		English Literature, 5.....(2)
		Mathematics, 2 or 3.....(4)
		Biology.. { XI-D-4, 5.....(4)
		XI-D-6.....(4)
Prescribed Hours, 11.		
Elective " 6.		
Total Hours required, 17.		



## SENIOR YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
All Courses .....	{ Psychology, 1, 2.....(3)	
	{ Ethics—Hist. of Phil. I, 3, 4.....(3)	
	{ Geology XI-C.. } .....	
	{ Astronomy X-4 } .....	
Elective .....	{ *Chemistry, XI-B-2.....(3)	
	{ English Literature, 5.....(2)	
	{ Latin or Greek.....(2)	
	{ French, 2 or 3.....(3 or 2)	
	{ German, 2 or 3.....(4)	
	{ Church Hist.—Hist. of Civ. IX, 3, 4.....(3)	
	{ Const. Hist. and El. Law, IX-5.....(3)	

\*Chemistry is required of Scientific Students.

Prescribed hours, 11 or 14.

Elective “ 5 or 2.

Total hours required, 16.

The number immediately following the name of a subject refers to the department and the course. The number in parenthesis indicates the number of recitations each week.

No purely elective course is organized for less than four students.

No advance elective course may be chosen except by those who have taken the work preparatory thereto.

## DEGREES.

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The University confers the following degrees: the degree of Bachelor of Arts upon graduates of the classical course; that of Bachelor of Philosophy upon graduates of the philosophical course; and that of Bachelor of Science upon graduates of the scientific course.

It is required for graduation that the student shall have completed the prescribed work in one of the courses, and shall have taken elective work sufficient to make a minimum of eighteen hours a week in the Sophomore year, seventeen in the Junior and sixteen in the Senior, which, with the nineteen required in the Freshman, constitute a minimum of seventy-one hours.

In addition to the Bachelor's degrees the degree of Master of Arts is conferred upon graduates of the classical and philosophical courses who shall have completed prescribed work in Philosophy, History, Latin or Greek, with examination and thesis.

The degree of Master of Science is conferred upon graduates of the scientific course who shall have completed prescribed work in Chemistry and Physics, Biology or Mathematics, with examination and thesis.

These degrees will not be conferred in less than two years after graduation. It is desirable that at least one year be spent in resident work at the College. The final examinations must in all cases be taken at the College. The thesis must be printed or typewritten and becomes the property of the College.

The College does not confer degrees in course.

The College does not offer courses leading to the degree of Doctor of Philosophy.

A fee of five dollars is charged for the Bachelor's diploma; a fee of ten dollars for the Master's diploma.

## THE ACADEMY.

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The Academy offers three distinct courses, each the foundation for one of the College courses. The scientific and philosophical courses are admirably adapted to the needs of those intending to teach.

Students are permitted to enter any class for which they are prepared and are classified in the catalogue according to their attainments.

Instruction in the Academy is given by the regular College professors. The students have all the privileges of the College.

All subjects in each course are required of those who enter on that course.

All studies run throughout the academic year. No credit toward promotion or entering on college work is given for part of a year's work.

# COURSE OF STUDY BY DEPARTMENTS.

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## I. LATIN.

(A-1.) Beginning Latin. (B-1.) Cæsar. (B-2.) Cicero. (C-1.) Ovid (C-2.) Vergil.

A-1. Beginning Latin: Principles, forms, syntax, vocabulary; accuracy and speed in translation. Also a course in easy Latin prose composition and easy Latin reading.

Junior year—five hours a week.

B-1. Extracts from Cæsar, equivalent to three books. Latin prose composition.

Fall term, Middle year—five hours a week.

B-2. Seven orations of Cicero, including "The Manilian Law" and "For Archias." Latin prose writing.

Winter and Spring terms, Middle year—five hours a week.

C-1. Selections from Ovid; Study of Prosody and Meters of Ovid. Drill in scanning and reading poetry.

Fall term, Senior year—five hours a week.

C-2. Bucolics and Aeneid (Bks. I-VI.) of Vergil. Review of Roman History.

Winter and Spring terms, Senior year—five hours a week.

## II. GREEK.

(A.) Beginning Greek. (B.) Second year Greek.

A. Beginning Greek: Forms, vocabulary, oral and written translations. Easy prose composition and reading.

Middle year—five hours a week.

B. Selections from Xenophon; Lucian's Timon; Oration of Lysias. Prose composition.

Senior year—five hours a week.

## III. GERMAN.

(A-1.) German Grammar. (A-2.) German composition. (A-3.) Storm's Immensee.

A-1. German Grammar, easy prose reading.

Fall term, Senior year—five hours a week.

A-2. Composition and Reading.

Winter term, Senior year—five hours a week.

A-3. Storm's Immensee and short stories from various authors.

Spring term, Senior year—five hours a week.

## IV. ENGLISH.

(A.) Grammar. (B.) Elementary Rhetoric. (C.) Composition.

A. English Grammar.

Junior year—five hours a week.

B. Elementary Rhetoric. Classics required for College entrance.

Middle year—five hours a week.

C. Composition. Paragraph writing. Development of Subjects.

Senior year—one hour a week.

## V. HISTORY.

General History.

Junior year—five hours a week.

## VI. MATHEMATICS.

(A.) Higher Arithmetic. (B.) Beginning Algebra.

(C.) Plane and Solid Geometry.

A. Higher Arithmetic.

Junior year—five hours a week.

B. Beginning Algebra to Quadratics.

Middle year—five hours a week.

C. Plane and Solid Geometry.

Senior year—five hours a week.

D. Second Algebra. For students who have had Algebra and cannot make the College requirements. Senior year.

## VII. SCIENCE.

### A. PHYSICS.

Elementary Physics. Laboratory Practice.

Fall and Winter terms, Senior year—five hours a week.

Elementary Chemistry. Laboratory Practice.

### B. CHEMISTRY.

Elementary Chemistry. Text-book: Freer. Laboratory Practice: Williams.

Winter and Spring terms, Senior year—five hours a week.

### C. BIOLOGY.

Elementary Biology. One term each of Zoology, Physiology and Botany.

Middle year—five hours a week.

NOTE.—For Physical Culture and Special Courses, all of which are open to Academy students on the same terms as to College students, see Departments XII. and XIII. of the College.



# OUTLINE OF ACADEMY COURSE.

## COURSE OF STUDY.

### JUNIOR YEAR.

Fall.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.
Winter.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.
Spring.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.

### MIDDLE YEAR.

Fall ... ..	{	Latin—Cæsar. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cæsar. El. Zoology. Beg. Algebra. El. Rhetoric.	Latin—Cæsar. El. Zoology. Beg. Algebra. El. Rhetoric.
Winter.....	{	Latin—Cicero. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Physiology. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Physiology. Beg. Algebra. El. Rhetoric.
Spring.....	{	Latin—Cicero. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Botany. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Botany. Beg. Algebra. El. Rhetoric.

### SENIOR YEAR.

Fall.....	{	Latin—Ovid. Greek—Xenophon. Plane Geometry. El. Physics. English.	Latin—Ovid Beg. German. Plane Geometry. El. Physics. English.	Latin—Ovid. Beg. German. Plane Geometry. El. Physics. English.
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Winter.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		Physics—Chem.	Physics—Chem.	Physics—Chem.
		English.	English.	English.
Spring.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Solid Geometry.	Solid Geometry.	Solid Geometry.
		El. Chemistry.	El. Chemistry.	El. Chemistry.
		English.	English.	English.

All subjects five hours a week, except that in the Senior Year English is one hour a week.

NOTE.—By reference to the Course of Study, outlines of the work done in each subject may be found.

Electives in the Academy (not counting as Credits on Courses) Physical Geography, Civil Government, Business Law, Algebra (second year course), Bookkeeping, Penmanship.

# TEXT BOOKS.

[Subject to change. Students are advised not to purchase text books without consulting the instructors. The latest and best texts are sought and used.]

## PHILOSOPHY:

Logic, Creighton.

Psychology, James (Briefer Course).

Ethics, Thilly.

History of Philosophy, Weber.

## THEISM AND CHURCH HISTORY:

Natural Theology, Valentine.

Comparative Religion, Kellogg.

Bible History, Blaikie.

Church History, Zenos.

## POLITICAL SCIENCE:

Political Economy, Walker (Advanced Course).

International Law, Wilson and Tucker.

Constitutional Law, W. Wilson.

Sociology, Carroll D. Wright.

## LATIN:

First Latin, Collar and Daniell.

Cæsar, Harkness and Forbes.

Cicero, D'Ooge.

Ovid, Miller.

Vergil, Miller.

Livy, Lord.

Horace, Bennett.

Tacitus (De Amicitia, etc.) Bennett.

Correspondence of Cicero, Kirtland.

Satires of Horace, Rolfe.

## LATIN—Continued.

Prose Composition, Jones.

Latin Writing, Mather and Wheeler.

Latin Literature, Mackail.

Latin Literature of Empire, Gudeman.

Paleography, Thompson.

History of Rome, Meyer.

## GREEK:

First Greek, Forbes.

Greek Grammar, Goodwin.

Prose Composition, Pearson.

Selections Illustrating Greek Life, Keene.

Anabasis, Harper and Wallace.

Lucian's Timon, Sewell.

Orations of Lysias, Wait.

Homer's Iliad, Seymour.

Herodotus, Merriam.

Demosthenes, Sandy.

Sophocles, Earle,

Plato's Republic, Warren.

History of Greece, Meyer.

## GERMAN:

Beginning German, Lange's Method.

Classics, Selected Editions.

## FRENCH:

Grammar, Frazer and Squair.

Reader, Luper.

Practice of French, ———.

Classics, Selected Editions.

## ENGLISH:

Grammar, Lyte.  
 Elementary Rhetoric, Genung.  
 Composition, Scott and Den-  
 ny, etc.  
 Classics, Students', Riverside  
 and other editions.  
 Advanced Rhetoric, Genung.  
 Elocution, Emerson.  
 English Literature, Robert-  
 son, Welch.  
 American Literature, New-  
 comer, Painter.

## HISTORY:

General, Meyer.  
 English, Larned, Green.  
 European, Thatcher and  
 Schwill, Schwill.  
 History of Civilization, Guizot.

## MATHEMATICS:

Arithmetic, Wentworth.  
 Elements of Algebra, Taylor.  
 Academic Algebra, Milne.  
 College Algebra, Bowser or  
 Appleton.  
 Plane and Solid Geometry,  
 Wentworth.  
 Trigonometry, Wells or Phil-  
 lips-Strong.  
 Surveying, Robbins or Schuy-  
 ler.  
 Analytical Geometry, Ashton.  
 Calculus (Elements), Hardy or  
 Osborne.  
 Calculus (Advanced), Byerly.  
 Astronomy, Young's General.

## SCIENCE:

## PHYSICS—

Elements, Hoadley.  
 Advanced, Carhart.  
 Laboratory Manual, Chute

## CHEMISTRY—

Elements, Freer.  
 Experimental (Advanced)  
 Newell.

## GEOLOGY—

Brigham.

## BIOLOGY:

## BOTANY—

Leavitt's Outlines.  
 Gray's Manual.

## ZOOLOGY—

Elements, Needham.  
 Principles, Claus and Sedg-  
 wick.  
 Manual, Tenny.  
 Manual for Study of Insects.  
 Comstock.

## ANATOMY:

The Human Body, Martin.  
 (Briefer Course).  
 Osteology, Gray's Anatomy.  
 Anatomy of the Cat, Reighard  
 and Jennings.  
 Anatomical Technology, Wil-  
 der and Gage.

## MISCELLANEOUS:

Physical Geography, Dryer.  
 Civil Government, Willoughby  
 or Andrews.  
 Business Law, Fitch or Ham-  
 ilton.  
 Elementary Law, Fishback.  
 Bookkeeping, Powers.

# LIST OF STUDENTS.

## THE COLLEGE.

### POST GRADUATE.

onley, Florence Elizabeth.....	Carlinville
orbin, Paul Leaton.....	Oberlin, O.

### SENIOR YEAR.

urnett, Bessie, <i>p</i> .....	Carlinville
rowder, Herbert Alexander, <i>p</i> .....	Carlinville
amble, Irvin Horace, <i>c</i> .....	Hillsboro
emphill, Victor Herman, <i>s</i> .....	Carlinville
lmstead, Charles Allen, <i>p</i> .....	Carlinville
ylar, George Chapman, <i>p</i> .....	Divernon

### JUNIOR YEAR.

rown, Spencer Gilson, <i>c</i> .....	Brighton
urke, Helen DuBoise, <i>p</i> .....	Carlinville
urton, Cornelia Rider, <i>c</i> .....	Carlinville
ulp, Martha Mahala, <i>c</i> .....	Womac
ughes, Charles Earle, <i>p</i> .....	Carlinville
essick, Nellie Rebecca, <i>c</i> .....	Carlinville
eyer, Elizabeth, <i>c</i> .....	Carlinville
inaker, Clarissa, <i>c</i> .....	Carlinville
urnbull, Ida Caroline, <i>c</i> .....	Carlinville

### SOPHOMORE-YEAR.

oyesen, Marie Jeanette, <i>c</i> .....	Carlinville
urton, Robert, <i>c</i> .....	Carlinville
ore, David Bell, <i>p</i> .....	Carlinville
reen, William A., <i>c</i> .....	Carlinville
obertson, Mary, <i>p</i> .....	Carlinville
inaker, Harriet, <i>c</i> .....	Carlinville
steward, Edna Mae, <i>c</i> .....	Carlinville
one, Charles Allen, <i>s</i> .....	Shipman
oods, Charles Herbert, <i>c</i> .....	Carlinville

\*Deceased.

## FRESHMAN YEAR.

Braley, Florence, <i>p</i> .....	Virde
Corgan, Mabel, <i>p</i> .....	Carlinvil
Cunningham, Harrison E., <i>s</i> .....	Buncoml
Mieher, Victor, <i>s</i> .....	Carlinvil
Parks, Bessie June, <i>c</i> .....	Sioux Falls, S. I
Sanner, Jacob Otto, <i>c</i> .....	Woodbur
Wilson, Olive, <i>p</i> .....	Carlinvil

## THE ACADEMY.

## SENIOR YEAR.

Anderson, John M.....	Carlinvil
Grassel, Albert G.....	Butle
Hounsley, Charles Abner.....	Chesterfiel
Ogg, James Bruce.....	Scottvil
Parks, Theodora.....	Sioux Falls, S. I
Sanner, Julia.....	Woodbur
Savage, William N.....	Carlinvil
Young, Arthur .....	Carlinvil

## MIDDLE YEAR.

Burke, Bertie .....	Carlinvil
Dugger, Grace .....	Carlinvil
Dugger, Viola.....	Carlinvil
Manning, Bird.....	Woodbur
McClure, Florence.....	Carlinvil
Rouland, Alexander.....	Carlinvil
Tongate, Earl.....	Carlinvil
Young, Edward.....	Carlinvil

## JUNIOR YEAR.

Ballak, Joseph.....	Carlinvil
Burke, Martha.....	Carlinvil
Cain, Ethel.....	Atwate
Crew, George.....	Carlinvil
Homer, Frances.....	Carlinvil
Kasten, Albert.....	Carlinvil
McElvain, Pearl.....	Girar
Meeks, Hazel.....	Carlinvil



# LIST OF STUDENTS.

47

Robertson, Tilden.....	Carlinville
Surman, Alpha.....	Carlinville
Treadway, Estella.....	Girard

## SPECIAL.

Barnstable, Lillian.....	Carlinville
Bell, Robert Hamilton.....	Carlinville
Chisholm, Mildred .....	Carlinville
Collins, Ina.....	Carlinville
Dryer, John Lewis.....	Butler
Fischer, Otilie.....	Carlinville
Hettick, Dela.....	Scottville
Keplinger, Cora.....	Carlinville
Kerr, James Waldo P.....	Womac
Moore, Bertie.....	Carlinville
Toney, Thomas Ellsworth.....	Virden
Wright, Isabella.....	Carlinville

## MUSICAL DEPARTMENT.

### VOCAL.

Armstrong, Phoebe.....	Carlinville
Barnstable, Lillian.....	Carlinville
Bleuler, Frank.....	Carlinville
Burke, Helen.....	Carlinville
Childs, Grace.....	Carlinville
Collins, Ina.....	Carlinville
Conley, Florence.....	Carlinville
Corgan, Harriet.....	Carlinville
Denby, Myrtle.....	Carlinville
Duckles, Fay.....	Carlinville
Fanning, Fay.....	Carlinville
Gleason, Hortense.....	Hettick
Hemphill, Victor.....	Carlinville
Hoecker, Nellie.....	Carlinville
Hyndman, Daisy.....	Carlinville
Keplinger, Clara.....	Carlinville
Link, Clara.....	Carlinville
Matthews, Mrs. J. Palmer.....	Carlinville
McElvain, Pearl.....	Girard

Mieher, Victor.....	Carlinville
Moore, Mildred.....	Carlinville
Moore, Ruth.....	Carlinville
Seaman, Abby.....	Carlinville
Steinmeyer, Alexander.....	Carlinville
Turnbull, Ida.....	Carlinville
Westermeier, George.....	Carlinville
Westermeier, Reba.....	Carlinville
Wilson, Olive.....	Carlinville

## INSTRUMENTAL.

Anderson, Lucille.....	Carlinville
Boysen, Marie.....	Carlinville
Burke, Beatty.....	Carlinville
Burke, Helen.....	Carlinville
Burke, Martha.....	Carlinville
Burton, Cornelia.....	Carlinville
Cain, Ethel.....	Atwater
Collins, Ina.....	Carlinville
Corgan, Harriet.....	Carlinville
Crew, Charlotte.....	Carlinville
Fischer, Otilie.....	Carlinville
Gleason, Hortense.....	Hettick
Hettick, Dela.....	Scottville
Hoblit, Norma.....	Carlinville
Hulse, Mrs. Wm.....	Carlinville
Johnson, Lois.....	Carlinville
Keele, Ada.....	Chesterfield
Keplinger, Cora.....	Carlinville
Keplinger, Ruth.....	Carlinville
Loehr, Adele.....	Carlinville
Mayfield, Mrs. W. D.....	Carlinville
McClure, Sudie.....	Carlinville
McElvain, Pearl.....	Girard
McGready, Bertie.....	Carlinville
Messick, Nellie.....	Carlinville
Mounts, Maryon.....	Carlinville
Mueller, Gustav.....	Carlinville
Riemeier, Laura.....	Carlinville
Ross, Margaret.....	Carlinville

Ross, Mildred.....	Carlinville
Schoper, Florence.....	Carlinville
Smith, Beatrice.....	Carlinville
Steinmeyer, Flora.....	Carlinville
Steinmeyer, Marie.....	Carlinville
Steward, Edna.....	Carlinville
Steward, Helen.....	Carlinville
Treadway, Estella.....	Girard
Westermeier, Genevieve.....	Carlinville
Wilson, Olive.....	Carlinville

## SUMMARY.

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Special students.....	12
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Counted twice.....	25
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# ALUMNI.

---

1870.

Carson, Harlan P.....Minister.....Scotland, S. D.  
 Dawes, Orrie, (Mrs. Nicholas Du Bois).....Springfield  
 McMillan, Duncan J.....Minister.....New York City  
 Minton, William B.....Minister ..... Greenville  
 Smith, Charles J.....Merchant.....Seattle, Wash.  
 Spencer, Milton J. R.  
 \*Welch, John C.

1871.

Dalby, John W.....Teacher.....Barr's Store  
 DuBois, Nicholas.....Draughtsman ..... Springfield  
 Holden, William L.....Merchant.....Manitowoc, Wis.  
 Johnson, Clara, (Mrs. Peter Denby).....Carlinville  
 Luternan, Gottfried.....Minister ..... Elmhurst  
 McLane, W. W.....Minister.....New Haven, Conn.  
 Parks, Adolphus H.....Minister.....Hutchinson, Kan.

1872.

Berry, Kate, (Mrs. Charles Burgdorff).....Carlinville  
 Corn, Emma, (Mrs. Henry McMillan).....Salt Lake City  
 Fishback, Mollie, (Mrs. Henry Corn).....Denver, Colo.  
 Johnston, Wm. L.....Minister.....Pacific Beach, Cal.  
 Holden, Kate, (Mrs. Andrew Wood).....Chicago  
 \*Mayo, Florence, (Mrs. James Towey)  
 Minton, Edward.....Physician.....Oakdale, Neb.

1873.

\*Bailey, Grace, (Mrs. John Muckle).  
 Crum, Xerxes X.....Insurance.....Cleaveland, O.  
 Culp, Silas W.....Editor ..... Morrisonville  
 Gilbert, Edward A.....Lawyer.....York, Neb.  
 Holliday, Fannie, (Mrs. C. A. Moore).....St. Paul, Minn.  
 Illsley, William H.....Minister.....Leon, Ia.

\*Deceased.

Loomis, Webner E.....Lawyer ..... Springfield  
 \*McCune, Miles V.  
 Montgomery, Henry H.....Lawyer ..... Carrollton  
 Palmer, Lyman L.....Editor ..... Chicago  
 \*Powers, Meroe.  
 \*Soule, Wm. L.  
 Strange, Ferdinand G.....Minister.....Ashland, Ore.

1874.

\*Brown, Delia.  
 Deal, John.....Physician ..... Riverton  
 Holliday, Wm. C.....Civil Engineer.....Tacoma, Wash.  
 Joplin, Martha, (Mrs. Cyrus Sawyer).....Nashville  
 \*Mayo, Libbie.  
 Minton, Kate, (Mrs. Newton Gray).....Elmhurst, Cal.  
 Rinaker, Thomas.....Lawyer.....Carlinville  
 Soule, Chas. B.....Insurance ..... Chicago  
 \*Venable, Eleanor, (Mrs. W. H. Nutting).

1875.

Bailey, John W.....Minister.....*John Wayne, Mo*  
 Bell, Alexander H.....Lawyer ..... ~~Topoka, Kan.~~  
 Blackburn, Flora C.....Teacher.....Cheyenne, Wy.  
 Davis, Clinton.....Farmer ..... Carlinville  
 Enos, John J.....Enos, Ia.  
 Gilson, Edward P.....Lawyer ..... Shipman  
 \*Halsey, Fred S.  
 Holliday, Geo. S.....Lawyer.....Clinton, Mo.  
 Loomis, Horace W.....Lawyer.....Silver City, N. M.  
 McClure, James A.....Carlinville  
 Otwell, Anna E.....Teacher.....Rocky Ford, Col.  
 Powers, Gertrude, (Mrs. Roe).....Kansas City, Mo.  
 Smith, John N. B.....Minister.....Courtney, S. D.  
 Tiebout, Charles A.....Farmer.....Roseland, La.  
 Walker, John A.

1876.

Burton, Frank W.....Lawyer ..... Carlinville  
 DuBois, Agnes E.....Curator Museum.....Springfield

\*Deceased.

Glass, Zaidee.....Mason City  
 Hamilton, Nora.....Chicago  
 Holliday, Sue E.....Tacoma, Wash.  
 Loomis, Fanny J., (Mrs. Benjamin Dorsey).....Alton  
 Olmsted, Charles A.....Farmer ..... Shipman  
 Van Horn, Joel.  
 Wallace, Henry H.....Physician ..... Chicago

1877.

Dugan, John H.  
 Gray, Newton.....Druggist.....Elmhurst, Cal.  
 Logan, Lillian, (Mrs. Page).....Chicago  
 Mayo, Lou B., (Mrs. Edward Gilbert).....York, Neb.  
 Moore, Thos. E.....Teacher ..... Carlinville  
 Meyers, Melancthon M.....Assumption

1878.

Campbell, John S.....Teacher.  
 \*Fansler, William A.  
 Harrington, Geo.....Business ..... Chicago  
 Howell, Julia A., (Mrs. Mundy French).....Mattoon  
 Mayfield, Nellie P., (Mrs. Wm. Reed, Jr.).....Carlinville  
 Sargent, Herbert H., Col. U. S. Army.....Fort Ethan Allen, Vt.  
 \*Wilson, Thos. R.

1879.

\*Brown, Howard S.  
 Du Bois, Lucy A.....Teacher.....Brookings, S. D.  
 \*Hoben, Michael.  
 Hughes, Annie K.....Chicago  
 McClure, Milton.....Lawyer ..... Beardstown  
 Soule, Frank G.....Editor ..... Chicago

1880.

Fishback, Alice, (Mrs. Chas. H. VanAudale).....Chicago  
 Gore, Victor M.....Lawyer.....Benton Harbor, Mich.  
 Hurd, Hattie S.....Jacksonville  
 Mayo, Carrie P., (Mrs. Samuel Rinaker).....Beatrice, Neb.  
 Nutting, Chas. C.....Professor.....Honolulu, Hawaii

\*Deceased.



Rinaker, Samuel.....Lawyer.....Beatrice, Neb.  
 Ross, Mildred F., (Mrs. Geo. F. Fanning).....Carlinville  
 Ruark, Alice W., (Mrs. E. C. Roads).....East St. Louis  
 \*Tunnell, Wm. H.  
 Weaver, Florence E., (Mrs. Justin James).....Brooklyn, N. Y.  
 Whittaker, Clara S., (Mrs. Victor M. Gore)...Benton Harbor, Mich.

## 1881.

Berry, Herbert.  
 \*Blackburn, Chas. H.  
 Brown, Chas. W.....Lawyer.....Rapid City, S. D.  
 Gore, M. A., (Mrs. Chas. W. Brown).....Rapid City, S. D.  
 Hankins, Charles C.....Physician.....Golden City, Mo.  
 Merz, Henry.....Prof. Wyo. Univ.....Laramie, Wyo.  
 Miller, Ethel A., (Mrs. G. W. Dugger).....Pasadena, Cal.  
 Mounts, William L.....Lawyer.....Carlinville  
 Schlueter, Henry C.....Minister.....Baltimore, Md.  
 \*Tarbet, Henry B.  
 Tarbet, William L.....Business ..... Chicago

## 1882.

Chapman, Charlotte E., (Mrs. Joseph Rowett).....Joliet  
 Du Bois, Hugh M.....Real Estate.....Wichita, Kan.  
 Gilbert, Charles A.....Lawyer.....York, Neb.  
 Koester, Louise, (Mrs. Charles M. Otwell).....Carlinville  
 Lee, Florence, (Mrs. Speaks).....Salina, Kan.  
 Lee, Theo. Y.....Minister.....Spanish Fork, Utah  
 McCord, William E.....Minister.....New York City  
 Miller, Alice, (Mrs. Taylor Crow).....Fairmount  
 Sargent, Charles.....Mech. Engineer.....Chicago  
 Sewall, Mamie, (Mrs. Hugh Du Bois).....Wichita, Kan.  
 Thomas, Marvel.....Physician ..... Gillespie  
 Wilson, John W.....Minister.....Weston, O.  
 Witte, Elizabeth.....Teacher.....Boston, Mass.

## 1883.

Foster, Lottie, (Mrs. Tabott).....Chillicothe, Mo.  
 Hopkins, Lynn C.....Lawyer ..... Carrollton  
 Hurd, Edwin G.....Teacher.....Philadelphia, Penn.

\*Deceased.

Searcy, James B.....	Lawyer .....	Carlinville
Sewall, George H.....	Editor.....	Carthage, Mo.
Sewall, Grace.....	Stenographer.....	Chicago
Taggart, Bertie, (Mrs. W. E. Andrews).....		Taylorville
Underkoffler, Georgia. (Mrs. Malcolm Greenleaf).....		Carlinville
Wilson, Charles F.....	Minister .....	Gilman

## 1884.

Andrews, W. E.....	Teacher .....	Taylorville
Armstrong, F. S.....	Business.....	Salt Lake City
Armstrong, J. C.....	Manufacturer.....	Lockport, N. Y.
Clark, Hattie E., (Mrs. Wones).....		St. Louis, Mo.
Gilbert, W. W.....	Business .....	Carlinville
Hankins, Leon C.....	Clerk.....	Carlinville
Hulse, W. R.....	Real Estate.....	Carlinville
*Keeler, Carrie.		

Kimball, Mabel E., (Mrs. Union).....		Chicago
King, S. H.....	Minister.....	Des Moines, Iowa
Lynch, Lillie B.....		Carlinville
McKee, Herbert R.....	Merchant.....	Denver, Col.
*Minton, R. L.		

Otwell, William B.....	Nurseryman .....	Carlinville
Paddock, Porter.....	Lawyer.....	Toledo, Ohio
Ross, Pierce T.....	Ass't Bank Cashier.....	Carlinville
Wheat, Samuel C.....	Dentist.....	Kansas City, Mo.

## 1885.

Brown, Charles M.....	Minister .....	Jacksonville
Fansler, Thos. L.....	Insurance.....	Evanston
Hurd, Carrie. (Mrs. Charles M. Brown).....		Jacksonville
Hurd, Clara (Mrs. A. G. Taylor).....		Farmersburg, Ind.
Kelley, Cassie.....	Teacher .....	Carlinville
Lumpkin, Clement J.....	Editor .....	Carlinville
Nutting, Helen M., (Mrs. C. A. Highfield).....		Hamburg, Ia.
Rinaker, John I.....	Architect .....	Springfield
Ruark, Lillian.....	Stenographer.....	St. Louis, Mo.
Tunnell, Mamie, (Mrs. Boyle).....		Plainview

## 1886.

Balcar, Benjamin T.....	Minister.....	Monticello, Ia.
-------------------------	---------------	-----------------

\*Deceased.

Bird, Olive, (Mrs. Coy Roach)	.....	Girard
Carrico, Laura, (Mrs. George White)	.....	Grantsburg, Ind.
Diebel, Albert	.....	Book-keeper.....St. Louis, Mo.
Forde, L. Harold	.....	Minister.....Castlewood, S. D.
*Hersman, Lizzie, (Mrs. C. C. Nutting).		
Hunter, James M.	.....	Farmer.....Bakersfield, Cal.
Jordan, Geo. F.	.....	Editor .....Carlinville
McHenry, Herbert	.....	Minister.....Delhi, Minn.
Minton, Hugh M.	.....	Surveyor ..... Carlinville
Nutting, Annie S., (Mrs. J. M. Ross)	.....	Shenandoah, Ia.
Ross, J. M.	.....	Minister .....Shenandoah, Ia.
Sewall, William J.	.....	Editor.....Carthage, Mo.
Taylor, Alfred G.	.....	Minister.....Farmersburg, Ind.
Vancil, Burke	.....	Lawyer ..... Springfield
Vancil, Effie, (Mrs. G. Jordan)	.....	Carlinville
Wortman, Henry	.....	Minister .....George, Ia.

## 1887.

Griffes, James L.	.....	Minister .....Remington, Ind.
Graham, Charles W.	.....	Teacher.
Hinckley, John W.	.....	.....Onarga
Lingle, William H.	.....	Minister .....Hankow, China
Matthews, John Palmer	.....	Physician .....Carlinville
McClure, James E.	.....	Editor ..... Carlinville

## 1888.

Cloud, Alva	.....	The Klondike
Hersman, Ella, (Mrs. A. G. McGraw)	.....	Etawah, India
Highfield, Charles A.	.....	Minister.....Hamburg, Ia.
Hunter, Mary, (Mrs. Austin)	.....	Lone Pine, Cal.
Kessinger, S. W.	.....	Editor ..... Litchfield
Lumpkin, Mattie, (Mrs. Sterman)	.....	Owensboro, Ky.
McClure, Edmonia B., (Mrs. Jesse Peebles)	.....	Carlinville
Rinaker, Lewis	.....	Lawyer ..... Chicago
Smith, Harry	.....	Minister.....Golden, Colo.
Vancil, Ollie, (Mrs. Lewis Rinaker)	.....	Chicago
White, George L.	.....	Minister.....Grantsburg, Ind.

## 1889.

Berry, A. L.	.....	Minister.....Livermore, Ia.
--------------	-------	-----------------------------

\*Deceased.

Caldwell, Georgia, (Mrs. Allard).....	Waggoner
Foster, James E.....	Minister..... Danville
Hays, Wilbur L.....	Minister..... Newberry, Mich.
Mayo, Walter S.....	Farmer..... Carlinville
McCord, Rosamond.....	New York City
Peebles, Jesse.....	Lawyer ..... Carlinville
Silsby, Frances O., (Mrs. W. H. Parker).....	Table Rock, Neb.
Witt, W. E.....	Lawyer..... Raymond, Ill.

## 1890.

Bird, Daisy, (Mrs. Hugh Minton).....	Carlinville
Caldwell, Bessie, (Mrs. S. W. Kessinger).....	Litchfield
Deadrick, Hattie.....	Teacher ..... Carlinville
Galt, William A.....	Minister..... Omaha Agency, Neb.
Johnson, Mamie, (Mrs. Everett Turnbull).....	Carlinville
Robinson, John H.....	Editor..... Boston, Mass.
Russell, William M.....	Lawyer ..... Bluffdale

## 1891.

Burgdorff, Amanda J., (Mrs. E. E. Gore).....	Chicago
Freark, Frank A.....	Teacher..... Springfield
Keas, Elfie M.....	Teacher ..... Carlinville
Johnson, George B.....	Electrician..... Chicago
Sims, Claribel, (Mrs. F. T. Conner).....	St. Louis, Mo.
*Sargent, Ernest True.	

## 1892.

Anderson, William Hamilton, Lawyer.....	Springfield
Crowell, Walter Harrison.....	The Klondike
Fisher, Frank Bean.....	Physician ..... Springfield
Tunnell, Susan Jane, (Mrs. F. G. Wood).....	Girard
Yaeger, Marie Anita, (Mrs. P. A. Cowan).....	Vicksburg, Miss.

## 1893.

Finch, Lydia Bissell.....	Chesterfield
Harris, Edwin.....	Minister ..... Brighton
Johnson, Henry Willard.....	Real Estate..... New York City
Parks, Edna Blackburn.....	Medical Missionary..... China

## 1894.

Benson, James Andrew.....	Minister..... Minneapolis, Minn.
Benson, Lewis Alonso.....	Minister..... Philadelphia, Pa.

\*Deceased.

Challacombe, Wesley Adams. Prof. Blackburn Univ.....Carlinville  
 Matthews, Lucy Myra, (Mrs. H. S. Gaines).....Beaumont, Texas  
 Otwell, Clarice, (Mrs. W. H. Anderson).....Springfield  
 Peebles, Earl Metcalf.....Business.....Carthage, Mo.  
 Warner, Charles Henry.....Minister.....New York City

## 1895.

Costello, Richard William...Teacher .....Carlinville  
 David, Herbert A.....Carlinville  
 Galt, Carrie .....Teacher.....Springfield  
 Loveless, Milo James.....Law Student.....New York, N. Y.  
 Peebles, Roy Bird.....Business.....Carthage, Mo.  
 Simpson, Austin Ulysses....Physician ..... Chicago  
 Sims, Margaret Maud, (Mrs. J. E. Pence).....Carlinville  
 Strain, John Newton.....Minister .....Harrisburg  
 Thorpe, Eliza Esther Williams, (Mrs. Thornton).....Havana  
 Wilson, William Wallace....Minister.....Oakland

## 1896.

Horine, William H.....Physician.....Haileyville, Ind. Ter.  
 Mosser, Geo. Herbert.....Editor .....Mattoon  
 Pryse, Jessie.....Teacher.....Anna  
 Wilson, George Duncan.....Lawyer .....Mattoon

## 1898.

Corbin, Paul Leaton.....Theol. Student.....Oberlin, Ohio  
 Crowder, Truman Luther....Law Student.....St. Louis  
 Culp, Claudius Coltrain.....Farmer.....Poe, Miss.  
 Horine, Anna Mary.....Teacher ..... Carlinville  
 McCord, Calvin Gould.....Teacher.....Pueblo, Colo.  
 Rode, Harry.....Teacher.....Spokane, Wash.

## 1899.

Anderson, C. H. C.....Farmer ..... Carlinville  
 Lane, Lora A.....Teacher.....Medora  
 Phelps, Gertrude E.....Carlinville  
 Wood, W. S.....Lawyer .....Springfield

## 1900.

Parks, H. B.....Farmer.....Sioux Falls, S. D.

## 1901.

Conley, Florence Elizabeth.....Carlinville  
 Lane, Velma Echo.....Teacher.....Medora  
 Strain, Robert Seela.....Theol. Student.....Chicago  
 Younger, Thomas.....Teacher.....Okmulgee, Ind. Ter.

# HONORARY DEGREES CONFERRED.

---

1873.

\*Rev. C. A. Foote, D. D.

1878.

Rev. D. S. Johnson, D. D., National City, Cal.

1880.

\*Hon. E. Y. Rice, LL. D.

\*Rev. R. D. Van Dursen, D. D.

\*Rev. John B. L. Soule, D. D.

1881.

\*Rev. John A. Pinkerton, D. D.

Rev. Herman C. Riggs, D. D., Rochester, N. Y.

1882.

\*Julius S. Taylor, Ph. D., Donor Taylor Museum.

Rev. W. W. McLane, D. D., New Haven, Conn.

Rev. R. C. Moffat, D. D., Walkerton, Ontario.

1884.

\*Elisha Gray, LL. D.

1885.

Rev. W. W. Faris, D. D., Anna.

Rev. W. C. Whitford, D. D., Milton, Wis.

1886.

Rev. N. L. Stratton, D. D., Wheaton.

Prof. Charles Robertson, M. S., Carlinville.

1888.

Rev. M. N. Powers, D. D., Murphysboro.

Rev. A. S. Dean, D. D., Monmouth.

\*Rev. E. S. McMichael, D. D.

Rev. Robert C. Galbraith, D. D., Chillicothe, O

Prof. J. D. Conley, Ph. D., Carlinville.

\*Deceased.



1889.

Rev. Jas. E. Rogers, D. D., Ex-Pres. B. U., Springfield.

Rev. John W. Rogers, D. D.

\*Rev. Ira C. Tyson, D. D.

1890.

Rev. Charles N. Wilder, D. D., Champaign.

Rev. H. P. Carson, D. D., Scotland, South Dakota.

\*Rev. E. D. Wilkin, D. D.

1891.

Rev. J. N. B. Smith, D. D., Courtney, South Dakota.

Rev. W. H. Penhallagon, D. D., Decatur.

1892.

Pres. John W. Cook, LL. D., DeKalb.

Prof. A. C. Butler, M. A., Taylorville.

\*Rev. James Lewis, D. D.

1893.

Rev. Richard Edwards, D. D., ex-Pres. B. U., Bloomington.

Rev. W. A. Hunter, D. D., Fort Collins, Colo.

\*Dr. A. C. Corr, M. A., Carlinville.

Prof. G. W. Smith, M. A., Carbondale.

1894.

Rev. P. Mason Bartlett, LL. D., Maryville, Tenn.

Rev. J. A. Piper, D. D., Charleston.

Rev. W. S. Pryse, D. D., Shawneetown.

Rev. Edgar W. Clark, D. D., Pana.

1895.

Rev. Samuel C. Palmer, D. D., St. Louis, Mo.

Rev. S. J. McPherson, LL. D., Lawrenceville, N. J.

1897.

Rev. Henry T. Miller, D. D., Detroit, Mich.

\*Deceased.

1898.

\*Rev. Chas. C. Snyder, D. D.

\*Samuel M. Inglis, LL. D.

Rev. W. J. Tull, D. D., Clinton.

1900.

Prof. Jacob A. Zeller, L. H. D., Citronelle, Ala.

1901.

Rev. Henry K. Denlinger, D. D., Bloomington.

Prof. Charles Robertson, Ph. D., Carlinville.

\*Deceased.















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01/02

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THE UNIVERSITY OF ILLINOIS

# Blackburn University.

*Catalogue*

The College  
The Academy.

1901—1902.



THIRTY-SIXTH

ANNUAL CATALOGUE

# Blackburn University

THE COLLEGE

THE ACADEMY

1900-1901

CARLINVILLE, ILLINOIS

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# CALENDAR.

1901.

## FIRST TERM.

September 11, Wednesday....	{ Chapel, 9:00 a. m. Enrollment, 9:30 a. m. to 12:00 m. Class Organization, 2:00—4:00 p. m.
September 12, Thursday.....	Recitations Begin
November 28-29, Thursday-Friday.....	Thanksgiving Recess
December 17-19, Tuesday-Thursday.....	Term Examinations
December 19, Thursday.....	Term Ends

1902.

## SECOND TERM.

January 2, Thursday.....	Second Term Begins
January 30, Thursday .....	Day of Prayer for Colleges
March 26-28, Wednesday-Friday.....	Term Examinations
March 28, Friday.....	Term Ends

## THIRD TERM.

March 31, Monday .....	Third Term Begins
June 4-6, Wednesday-Friday....	Term Examinations
June 8, Sunday, 10:30 a. m.....	Baccalaureate Sermon
June 8, Sunday, 8:00 p. m....	Address to the Religious Societies
June 9, Monday, 8:00 p. m.....	Junior Exhibition
June 10, Tuesday, 11:00 a. m.,	Annual Meeting of the Board of Trustees
June 10, Tuesday, 8:00 p. m.....	Address to the Literary Societies
June 11, Wednesday, 10:00 a. m .....	Commencement Exercises
June 11, Wednesday, 8 p. m.....	Senior Reception

## TRUSTEES.

Rev. S. M. Morton, D. D.. . . . .	Effingham
G. W. Davis . . . . .	Carrollton
Thos. Rinaker, Secretary. . . . .	Carlinville
Rev. W. H. Penhallagon, D. D. . . . .	Decatur
Rev. James E. Rogers, D. D. . . . .	Springfield
Milton McClure. . . . .	Beardstown
A. H. Bell. . . . .	Carlinville
Rev. W. B. Minton . . . . .	Greenville
F. W. Burton . . . . .	Carlinville
J. P. Matthews, M. D . . . . .	Carlinville
Rev. T. D. Logan, D. D., Acting President. . . . .	Springfield
D. W. Taylor. . . . .	Litchfield
Rev. C. M. Brown, D. D., . . . . .	Jacksonville
Chas. G. Brown . . . . .	Divernon
Thomas L. Fansler . . . . .	Evanston

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## PRUDENTIAL COMMITTEE.

Thos. Rinaker,	T. D. Logan,	S. M. Morton,
F. W. Burton,	J. P. Matthews,	A. H. Bell,
	C. M. Brown.	

Treasurer and Financial Agent, F. W. Burton.

# THE FACULTY.

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WALTER H. BRADLEY, A. M.,  
Chairman of the Faculty,  
Mental, Moral, and Political Science.

JAMES E. ROGERS, PH. D., D. D.,  
Blackburn Professor of Theology.

WESLEY A. CHALLACOMBE, M. S.,  
Mathematics and German.

JOHN D. CONLEY, PH. D.,  
Physics and Chemistry.

CHARLES ROBERTSON, M. S.,  
Biology.

ARTHUR F. HERTEL, A. M.,  
Latin and Greek.

MARGARET E. HUBBARD,  
Assistant in Mathematics.

KATHERINE COX,  
English and History.

\*FAY DUCKELS,  
Art.

\*FRANK E. BALDWIN,  
Circuit Court Reporter,  
Short-Hand, Typewriting.

MRS. ROBERT O. PURVIANCE,  
Piano.

MRS. J. MASON BARCUS,  
Vocal Music.

JOHN P. MATTHEWS, M. D.,  
Physical Director of Gymnasium.

\*Resigned.

# BLACKBURN UNIVERSITY.

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## ORIGIN.

In 1835, Rev. Gideon Blackburn, D. D., a Presbyterian minister, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of all the earlier colleges in New England and the east, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry, by giving them such instructions in the Holy Scriptures as may enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Quantities of fine government land being then thrown upon the market in this region, he proposed to friends of the cause, mainly in the east, to give his personal services in entering lands for them, on the following terms: Two dollars were to be paid him for each acre entered; he paid one dollar and a quarter an acre for the land, reserved twenty-five cents for his own services, and invested the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds enough to enter a fraction over 16,656 acres for the University. These lands were situated in several counties, but chiefly in Macoupin and Montgomery.

For the purpose of securing the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College Buildings.

These lands were all entered in his own name, and in May, 1837, Dr. Blackburn deeded them to certain trustees, for the purpose of founding and maintaining the institution.

In 1857, the trustees, in accordance with the instructions of the deed, obtained a charter from the legislature. *This charter exempts all the property of the institution from taxation forever.* Soon after the charter was obtained, a building was erected on the present site. A preparatory school was opened in 1859.

In the year 1864-'65, a full collegiate course of study, classical and scientific, was adopted; young ladies were admitted to all the classes with the same privileges as young men. In the year 1867-'68, the building was enlarged and improved. In 1868, the legislature, by request of the trustees, changed the name of the institution to Blackburn University. In the year 1880, the building called "Robertson Hall," in honor of W. R. Robertson, M. D., who contributed most of the funds for its erection, was completed. Immediately afterward the Taylor Museum, one of the finest and most extensive collections of geological fossils and specimens in the country, the munificent gift of Julius S. Taylor, M. D., Ph. D., of Kankakee, Ill., was installed.

The College has commodious buildings, adequate to all its present needs, and an able and efficient corps of instructors, but increased endowments are necessary to enable the Presbyterian Church to accomplish through this instrumentality the great work planned by its founder.

### LOCATION.

Blackburn University is situated at Carlinville, the county seat of Macoupin County, Illinois, thirty-five miles from Springfield, sixty miles from St. Louis. The Chicago & Alton and the Quincy, Carrollton & St. Louis Railroads afford access from every direction.

## GROUNDS AND CAMPUS.

The campus contains ten acres, well shaded by large maples. Elevated ground, beautiful trees, and a grove on the east, make the site of the college one of much beauty. The athletic grounds, containing several acres, are included in the campus. In these are foot ball and base ball grounds and tennis courts. The University farm of seventy acres bounds the campus on the north and east.

## UNIVERSITY HALL.

University Hall was erected in 1868. It is a large three-story brick structure, containing, on the first floor, the President's office, and rooms for the Preparatory department, the Library, the Oioparthenian Society, and the Y. M. C. A., and also recitation rooms for Greek and Mathematics; on the second floor, rooms for English, History, French and German, Latin, the Chapel, and the Art Studio; on the third floor, students' rooms. The basement is used as a dining-room and for the gymnasium. The building is heated by steam.

## ROBERTSON HALL.

Robertson Hall was built especially for a science hall. On the first floor are the Chemical, Physical, and Biological Laboratories; on the second, the Taylor Museum and the Geological recitation room; on the third, the halls of the Philomathean and the Orthopatetic Literary Societies.

## MINTON OBSERVATORY.

The late Robert B. Minton, for twenty-seven years connected with the College as Professor of Mathematics, donated the Observatory Building, in which is mounted equatorially a five inch telescope, the gift of the maker, W. A. Loomis.



## LIBRARY.

Four rooms on the first floor of the main building are used for the Library. Three of these are fitted up with cases; one is provided with tables, files for newspapers, and cabinets for reference books. The Library embraces works of fiction, history, science, linguistics, archeology, and theology. It contains some books, valuable specimens of the bookmaker's art, more than four hundred years old.

The following publications come regularly to the Library: McClure, Success, Saturday Evening Post, The Bible Reader, Current History, The Century, Harper, Scribner, The Review of Reviews, The Assembly Herald, Popular Astronomy, The Forum, Journal of Geology, The Literary Digest, The Bookman, The Biblical World, The Interior, The Herald and Presbyter, The Presbyterian, Men, St. Louis Republic, St. Louis Globe-Democrat, Government Reports, Local Publications, College Papers.

Dr. Richard Edwards has given a fund of five hundred dollars, the income of which is to be expended in the purchase of reference books. The collection is known as "The Richard Edwards Memorial Reference Library."

## TAYLOR MUSEUM.

The Taylor Museum, named in honor of the donor, Julius S. Taylor, M. D., Ph. D., Kankakee, Ill., was founded June 9, 1881. The original gift, representing the work of fifty years actively spent in collecting and classifying specimens, contains about twenty-five thousand fossils, eight thousand minerals, a large and valuable case of Indian relics, and a variety of miscellaneous specimens. A choice collection of modern shells and corals was presented to the museum in

1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally to this cabinet; other donations have been made, notably the Illsley and Buffington collections.

### CHEMICAL LABORATORY.

The chemical laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The fee of two dollars per term is intended to cover only the cost of materials. Breakage of apparatus is charged to the student.

### PHYSICAL LABORATORY.

The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc. The students are instructed how to use the more expensive appliances, and are taught how to make inexpensive contrivances to set forth the principles of these subjects. This is of value to those who intend to teach.

### GYMNASIUM.

Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. Classes for young men are conducted three times a week, and for young women, under a lady instructor, twice a week. A full complement of gymnasium apparatus is provided; parallel bars, horizontal bar, traveling rings, flying rings, climbing rope, standard chest

machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards, and tumbling mats.

### DORMITORY FOR YOUNG MEN.

About seventy students can be accommodated in the dormitory. The rooms are well lighted and well ventilated, and are heated by steam. Furniture must be provided by the student, though a limited amount can be rented or purchased from the college. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students rooming in the building have control of the college boarding club, at which board is furnished at minimum price.

### HOMES FOR YOUNG WOMEN.

Young ladies on arrival are referred to private boarding places, approved by the Faculty. Close supervision is exercised in reference to the well-being of the pupil. The cost of room and board is from three to four dollars a week.

# GENERAL INFORMATION.

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## SESSIONS AND EXAMINATIONS.

The school year is divided into three terms, and students are expected to be present on the opening day of each session. Examinations of all classes are held at the close of each term. The examination grade counts one-fourth.

## REPORT TO PARENTS AND GUARDIANS.

A report of attendance, recitations, and exercises of each student is made at the close of each term to the parent or guardian. Recitations and other exercises are graded from 0 to 100, according to character. Advancement in the course depends entirely upon proficiency. No student falling below 75 in any study is allowed to enter the next higher class, until a satisfactory examination is passed; and those who, from carelessness, inattention, or indolence, fall below 65 in all their studies, are not permitted to remain in the institution.

## PRIZES.

A gold medal is annually awarded to the student making the highest average grade. All college students are eligible except winners of the medal in preceding years.

A Faculty prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 1. The competition is unrestricted.

An Oratorical prize of the value of ten dollars is annually offered to the winner in a public contest, provided six members of the Senior, Junior and Sophomore classes of the college compete.

## PRIZE WINNERS.

1899, Scholarship, Florence Conley, 1901.

1900, Scholarship, Harris B. Parks, 1900.

1900, Essay, Harris B. Parks, 1900.

## BENEFICIARY AID.

Worthy students may receive aid from some one of the following sources:

## THE BOARD OF EDUCATION.

The Board of Education of the Presbyterian Church assists young men studying for the Presbyterian Ministry, to the amount of about \$75.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry, and must be members of one of the four college classes.

## PARKS SCHOLARSHIP.

This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the benefit and use of the descendants of the donors.

## CORBIT SCHOLARSHIP.

The recipient of this scholarship, founded by Mr. Joseph Corbit, of New York City, is chosen from year to year by the Faculty with the concurrence of Mr. Corbit, and is entitled to his tuition for the year.

## THE FITCH FUND.

This fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute

the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students for the ministry from Bond County.

#### HIGH SCHOOL SCHOLARSHIP.

To bring the University into closer relations with the High Schools of the State, a scholarship in the Freshman year is offered to the graduate of any high school in Illinois, the course of study of which is equivalent to that required in the academic department of the University. The conditions are that it shall be given to the graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

#### STUDENT JANITORS.

It is customary to employ four or five students as janitors. They are paid at the rate of \$5.00 a month each, this being sufficient to pay more than half their board in the college boarding club. These students are chosen by the Faculty, with special reference to their need and worth. One student is also chosen as bell-ringer, and is given the use of room 41.

#### EMPLOYMENT BY CITIZENS.

A limited number of young men and women can find homes with private families in the town, where they may pay for board by work. Some of our business houses, especially printing establishments, afford occasional opportunities for employment.

#### HARVARD SCHOLARSHIP.

A Harvard University scholarship of the minimum annual value of three hundred dollars, established by the



Harvard Club of Chicago, is open to the graduates of the college in competition with the graduates of the other universities and colleges of the state. Application must be made before May 1st, of each year. Senior students about to finish their undergraduate courses are eligible as candidates. Communications should be addressed to Mr. Murray Nelson, Jr., 99 Randolph Street, Chicago.

## STUDENT ORGANIZATIONS.

### YOUNG MEN'S CHRISTIAN ASSOCIATION.

The young men have a Young Men's Christian Association. Its hall is one of the best rooms in the college building. Meetings are held each Friday evening.

### YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

The Young Women's Christian Association holds weekly meetings in the College Chapel.

### LITERARY SOCIETIES.

Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory, and parliamentary law is afforded.

1. The Oioparthenian Society is open to all young women in the institution. Their hall in the University Building is well furnished and contains a piano. Meetings are held every Friday afternoon.

2. The Orthopatetic Society for young men, organized in 1869, has a good hall in the Science Building. In connection is a reading room well stocked with books and magazines. An annual prize declamation contest is held.

3. The Philomathean Society for young men, occupies a neatly furnished and well lighted hall in the Science Build-

ing. The society has recently presented its library to the University. An annual oratorical contest is held.

#### BLACKBURN ORATORICAL ASSOCIATION.

In May, each year, an oratorical contest is held under the auspices of the Blackburn Oratorical Association. All college students may be members of the association, and are eligible to contest under the provisions of the constitution. The winner represents the College at the Inter-Collegiate Meet, the following autumn.

#### THE BLACKBURNIAN.

The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

#### BLACKBURN UNIVERSITY ATHLETIC ASSOCIATION.

The purpose of this association is to promote all forms of outdoor athletics. It has an enclosed and well equipped park. It controls all teams representing the University.

# ADMISSION.

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## ADMISSION TO THE COLLEGE.

All candidates for admission to the college must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismissal.

Candidates for advanced standing are examined in the studies which have been pursued by the class they wish to enter; also in the requirements for admission to the college, if such standing has not been regularly attained in another.

Students from certain academies and high schools, whose courses of study have been approved by the Faculty, will be admitted to suitable classes without a special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received will be considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

School boards or principals, who wish to have students admitted on diploma or certificate, are requested to correspond with the Chairman of the Faculty.

Students who have done work in high schools or academies in subjects not required for admission to their courses may be allowed to substitute such work for equivalents required for entrance. Such work will not, however, be credited, as a rule, on college standing.

Students who desire to pursue selected studies may do so, if properly prepared to enter regular classes. All such students must take the examinations with the classes of which they are members.

No one will be admitted to the Freshman class until he has completed his fourteenth year, or to advanced standing without corresponding increase of age.

The requirements for admission to the Freshman class are :

1. English—English Grammar, Elementary Rhetoric, Composition.

In Literature the requirements are those adopted by the Association of American Colleges.

A. For reading and practice :

1901—George Eliot, *Silas Marner* ; Pope, *Iliad*, Books I., VI., XXII., XXIV. ; Addison, *Sir Roger de Coverley Papers in the Spectator* ; Goldsmith, *Vicar of Wakefield* ; Scott, *Ivanhoe* ; Shakespeare, *Merchant of Venice* ; Cooper, *The Last of the Mohicans* ; Tennyson, *The Princess* ; Coleridge, *The Rime of the Ancient Mariner* ; Lowell, *Vision of Sir Launfal*.

1902—George Eliot, *Silas Marner* ; Pope, *Iliad*, Books I., VI., XXII., XXIV. ; Addison, *Sir Roger de Coverley Papers in the Spectator* ; Goldsmith, *Vicar of Wakefield* ; Scott, *Ivanhoe* ; Shakespeare, *Merchant of Venice* ; Cooper, *The Last of the Mohicans* ; Tennyson, *The Princess* ; Coleridge, *The Rime of the Ancient Mariner* ; Lowell, *Vision of Sir Launfal*.

B. For class study and analysis :

1901—Shakespeare, *Macbeth* ; Milton, *Lycidas*, *L'Allegro*, *Il Penseroso*, *Comus* ; Burke, *Speech on Conciliation with America* ; Macaulay, *Essays on Milton and Addison*.

1902—Shakespeare, Macbeth; Milton, Lycidas, L'Allegro, Il Penseroso, Comus; Burke, Speech on Conciliation with America; Macaulay, Essays on Milton and Addison.

Equivalents in standard literature will be accepted from those who have not had opportunity to read these works.

2. Latin—A thorough knowledge of Bennett's or Allen and Greenough's Grammar; three books of Caesar; seven orations of Cicero; six books of Vergil; thirty pages of Ovid or its equivalent, one additional oration of Cicero; Bennett's and Jones's Prose Composition.

3. Greek—Goodwin's Grammar; Pearson's Prose Composition; three books of the Anabasis, or the same amount of the Memorabilia; six books of the Iliad.

4. Mathematics—Arithmetic; Wentworth's New School Algebra; Bowser's College Algebra; Wentworth's Plane Geometry.

5. History—A thorough knowledge of United States History and General History.

6. Science—A fair knowledge of the elements of Physics and Chemistry, and from Philosophical and Scientific Students, of Zoology, Physiology and Botany.

Candidates for admission to the Freshman class of the Philosophical or Scientific courses must present, instead of Greek, a fair knowledge of German Grammar, and the ability to read easy German prose at sight.

Students not prepared to enter the college will be classified in the proper year of the academic course.

## EXPENSES.

Expenses are about as follows:

	Fall Term.	Winter Term.	Spring Term.
1. Tuition and library fee.....	\$ 14.50	\$ 12.50	\$ 9.50
2. Room rent from .....	4.50— 8.00	4.50— 7.50	3.00— 6.00
3. Board in college club from.....	30.00—35.00	25.00—27.50	22.00—27.00
4. Laboratory fee.....	2.00	2.00	2.00
Total for each term.....	\$51.00—59.50	\$44.00—49.50	\$36.50—44.50
Total for year from.....	\$131.50 to \$153.50.		

The Laboratory fee is collected only from those taking Chemistry.

In the case of young men boarding in town, and of young women, items 2 and 3 combined will be \$105.00 to \$140.00.

The same rates are charged in the College and in the Academy.

Extra tuition will be charged for special courses in Art, in Music, and in the Commercial Department. See Special Courses.



## DORMITORY ROOM LIST.

No.	F.	W.	S.	No.	F.	W.	S.
8	\$8 00	\$7 50	\$6 50	25	\$6 00	\$5 50	\$4 50
9	7 50	7 00	6 00	26	5 50	5 00	4 00
10	8 00	7 50	6 50	27	6 00	5 50	4 50
11	7 50	7 00	6 00	28	5 50	5 00	4 00
12	8 00	7 50	6 50	29	6 00	5 50	4 50
13	7 50	7 00	6 00	30	8 00	7 50	6 50
14	7 50	7 00	6 00	31	5 00	4 50	4 00
15	8 00	7 50	6 50	32	7 50	7 00	6 00
16	7 50	7 00	6 00	33	6 50	6 00	5 00
17	8 00	7 50	6 50	34	7 50	7 00	6 00
18	7 50	7 00	6 00	35	7 50	7 00	6 00
19	8 00	7 50	6 50	36	6 50	6 00	5 00
20	7 50	7 00	6 00	37	7 50	7 00	6 00
21	7 50	7 00	6 00	38	6 50	6 00	5 00
22	5 50	5 00	4 00	39	6 50	6 00	5 00
23	5 50	5 00	4 00	40	5 00	4 50	4 00
24	6 00	5 50	4 50	41	Bell-ringer's room.		

# THE COLLEGE.

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## DEPARTMENTS OF INSTRUCTION.

### I. PHILOSOPHY.

(1.) Logic, Deductive and Inductive. (2.) Psychology, Physiological and General. (3.) Ethics, Philosophical and Biblical. (4.) History of Philosophy. (5.) Aesthetics. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Logic presents thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention.

Fall term, Junior year—three hours a week.

2. Psychology is treated with constant reference to physiology, and the courses in physiological and general psychology are so arranged as to supplement each other. Late discoveries and theories receive due attention.

Fall and Winter terms, Senior year—three hours a week.

3. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories.

Fall term, Senior year—three hours a week.

4. The work in History of Philosophy is criticism of theories. Special attention is given to the modern development of Philosophy.

Winter and Spring terms, Senior year—three hours a week.

5. An elective in Aesthetics is offered, in which the theory of beauty is discussed.

Spring term, Senior year.

## II. RELIGION.

(1.) Natural Theology. (2.) Comparative Religion. (3.) Bible History. (4.) Church History. (5.) New Testament Greek.

1. Natural Theology presents the rational basis of theism.

Winter term, Junior year—three hours a week.

2. Comparative Religion establishes the superiority of Christianity over other forms of religion.

Spring term, Junior year—three hours a week.

3. The course in Bible History traces the historical origin and preservation of the Scriptures, the formation of the canon, the development of the history and doctrine, and outlines the contents and purposes of the separate books of the Bible.

Fall term, Senior year—three hours a week. Elective.

4. The work in Church History covers the several periods of the development of the church, and the relations of Christianity to the progress of civilization.

Winter term, Senior year—three hours a week. Elective.

5. An elective in New Testament Greek is offered, in which various portions of the Gospels and Epistles are read, and the peculiarities of Hellenistic Greek are pointed out.

### III. POLITICAL SCIENCE.

(1.) Political Economy. (2.) International Law. (3.) Constitutional Law. (4.) Sociology. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Political Economy presents economic history, economic theory, and practical economic problems. Special attention is given to money, banking, wages, and taxation.

Fall term, Junior year—three hours a week.

2. In International Law the grounds and leading principles of the relations of states are set forth.

Winter term, Junior year—three hours a week.

3. In Constitutional Law particular study is given to the Constitution and Government of the United States. Ancient and modern European systems of government are compared with the American.

Spring term, Junior year—three hours a week.

4. A course in Sociology is offered, in which the phenomena of society and present social problems are discussed.

Spring term, Senior year—three hours a week.

### IV. LATIN.

(1.) Livy, Horace, Cicero, Latin Literature. (2.) History. (3.) Poetry. (4.) Drama.

1. *a.* Livy, Book I. (at sight) and Book XXI.

*b.* Horace, Odes and Epodes.

*c.* Cicero, Brutus.

*d.* Latin Literature with a special study of the character, life and times of Cicero.

Throughout the year, Freshman—four hours a week.

2. The *Germania* and *Agricola* of Tacitus and the *History of Paterculus* are read. A brief study of Latin Inscriptions is offered with this course.

Fall Term, Sophomore year—four hours a week.

3. Post-Augustan Poetry: Lucan, Juvenal, Persius, Martial. The reading is accompanied with a course of lectures on the private life of the Romans.

Winter Term, Sophomore year—four hours a week.

4. Terence and Plautus. Three plays are read: *The Captives*, *the Maid of Andros*, and one Post-Augustan Tragedy. In connection with this course, lectures on the development of Greek and Graeco-Roman Comedy are given.

Spring Term, Sophomore Year—four hours a week.

Courses 2, 3 and 4 are elective for Junior students—two hours a week.

## V. GREEK.

(1.) Homer, Herodotus, Demosthenes. (2.) Philosophy. (3.) Drama.

1. *a.* Homer's *Odyssey*; four Books.

*b.* Herodotus; Selections from Books VI. and VII.

*c.* Demosthenes: *Philippics* and *Olynthiacs*.

The work also includes a review of Greek History (20 weeks) and lectures on Greek Literature (15 weeks).

Throughout the year, Freshman year—four hours a week.

2. Plato's *Charmides*, *Lachis* and *Lysis* are read in the Greek. Extensive readings in English are pursued, dealing with the life and character of Socrates.

Fall term, Sophomore year—four hours a week.

3. The reading comprises: Aeschylus' *Agamemnon*;

Sophocles' *Oedipus Tyrannus*; Euripides' *Alcestis*; Aristophanes' *Birds*. Lectures on the rise and development of the Greek Drama and on the private life of the Greeks accompany the reading.

Winter and Spring terms, Sophomore year—four hours a week.

Juniors may elect courses 2 and 3—two hours a week.

For N. T. Greek, see 5 under Religion.

## VI. GERMAN.

(1.) Schiller. (2.) Goethe, Lessing. (3.) German Authors.

1. Study of Schiller. *Wilhelm Tell*, *Jungfrau von Orleans*, *Maria Stuart*, *Gustav Adolf in Deutschland*. Prose readings from other authors.

Freshman Year—four hours a week.

2 Study of Goethe and Lessing. *Iphigenie auf Tauris*, *Hermann und Dorothea*, *Minna von Barnhelm*, *Emilia Galotti*, Keller's *Bilder aus der Deutschen Litterature*, or Prose selections from other authors.

Sophomore year—four hours a week.

3. Lessing's *Nathan der Weise*, Heine's Prose, Goethe's *Faust*, Part I, Schiller's *Wallenstein*. Scientific German.

Elective in Junior or Senior years—four hours a week.

All courses subject to slight change.

## VII. FRENCH.

The instruction in French extends over two years, which is deemed sufficient to give the student not only a good reading knowledge of the language, but also a fair appreciation of its literature. The work in this department is entirely elective.



(1.) Grammar, composition. (2.) Literature.

1. Grammar, with written exercises, reading and conversation. Frazer and Squair's Grammar; Luper's Reader; Boname's Practice of French; Bruno's *Le Tour de la France*; Moliere's *L'Avare*.

Sophomore or Junior year, throughout the year—three hours a week.

2. *a.* Musset's *Pierre et Camille*; Dumas' *La Question d'Argent*.

*b.* French Literature, with readings of plays by Moliere, Racine and Corneille.

*c.* Prose of the XVIIth Century.

Junior or Senior year, throughout the year—two hours a week.

## VIII. ENGLISH.

(1.) Advanced Rhetoric. (2.) Elocution. (3.) English Literature. (4.) American Literature. (5.) English Literature (advanced course).

1. Advanced Rhetoric and Composition.

Freshman year—four hours a week.

2. Elocution. Thorough instruction and drill in declamation and oratory.

Sophomore year—two hours a week. Elective.

3. English Literature.

Fall and Winter terms, Sophomore year—three hours a week.

4. American Literature.

Spring term, Sophomore year—three hours a week.

5. English Literature, Advanced Course. (Open only to those who have taken course 3.)

Junior year—two hours a week. Elective.

Senior year—two hours a week. Elective.

## IX. HISTORY.

(1.) English History. (2.) European History. (3.) Bible and Church History. (4.) History of Civilization. (5.) Constitutional History and Elementary Law.

1. English History.

Freshman year—two hours a week.

2. European History.

Sophomore year—three hours a week. Elective.

3. Bible and Church History.

Fall and Winter terms, Junior year—three hours a week.  
(See 3 and 4 under Religion.) Elective.

4. History of Civilization.

Spring term, Junior year—three hours a week. Elective.

5. Constitutional History and Elementary Law.

Senior year—three hours a week. Elective.

(Text-books, discussions, abstracts, essays on assigned topics, in all classes.)

Throughout the course the standpoint is that of world history. Only those facts are made prominent which have a traceable relation to general progress. The importance of individuals, nations, movements, and institutions, is measured

by their contribution to civilization. Political and constitutional changes receive much attention.

## X. MATHEMATICS.

1. Solid and Spherical Geometry. Trigonometry and Surveying. Field Work in Surveying.

Freshman year—five hours a week.

2. Analytical Geometry, fourteen weeks. Differential and Integral Calculus, twenty-two weeks.

Sophomore year—four hours a week.

3. Courses in Theory of Functions, Elementary Mechanics, or advanced courses in Differential and Integral Calculus will be given as electives to Juniors or Seniors, if called for, four hours a week.

4. Astronomy, descriptive, mathematical, and historical. Lectures, constellation study, and observational work with five-inch telescope. Text, Young's General Astronomy.

Senior year—Fall and Winter terms, two hours a week; Spring term, three hours a week.

This department is provided with an excellent transit and other necessary accessories for field work in surveying, and also with astronomical globes, maps and magazines for astronomical work.

## XI. SCIENCE.

### A. PHYSICS.

(1.) Advanced Physics.

1. Kinematics. Molar, Molecular, and Ether Dynamics.

Text, Gage. References, Stewart and Gee, Barker, Ganot and others.

Fall and Winter terms, Junior year—text and laboratory five hours a week.

#### B. CHEMISTRY.

- (1.) Inorganic Chemistry. (2.) Organic Chemistry.  
(3.) Qualitative and Quantitative Analysis.

1. Fundamental laws and principles of the science; analysis, synthesis, and metathesis; chemical equations and problems; laboratory work with notes. Texts, Roscoe and Freer.

Spring term, Junior year—five hours a week.

2. Independent and accurate observation is required. Large practice is given in the qualitative and quantitative determination of unknown substances.

Fall and Winter terms, Senior year—two consecutive hours, three days a week. Elective except for Scientific Students.

4. Functions of the plant, including nitrogenous and mineral constituents; membranous diffusion; assimilation, condition of vegetation; soil, formation, composition, alteration, relation to light, heat, and moisture; fertilizers, composition, application and value; relation of geology, physics, and chemistry to agriculture.

Spring term, Senior year—three hours a week. Elective except for Scientific Students.

Chemistry is taught by laboratory practice, supplemented by suitable text books. Such instruction is given as will pre-

pare the student for professional courses in chemical philosophy and chemical technology.

#### C. GEOLOGY.

Dynamical, structural, stratigraphical, and historical geology. The rare collections of the museum, a full set of models of crystals, a set of European minerals, geological maps and charts, make the equipment of this department unusually complete. The students visit mines and other localities where typical minerals and fossils are found.

Senior year—Fall and Winter terms, three hours a week, Spring term, two hours a week.

#### D. BIOLOGY.

(1.) Invertebrate Zoology. (2.) Morphology and classification of plants. (3.) Spring plants. (4.) Fall plants. (5.) General Zoology. (6.) Anatomical Technology.

1. Invertebrate Zoology, laboratory work.

Fall term, Freshman year—four hours a week.

2. Morphology and classification of plants.

Winter term, Freshman year—four hours a week.

3. Classification and ecology of dominant groups of spring plants.

Spring term, Freshman year—four hours a week.

4. Classification and ecology of dominant groups of fall plants.

Fall term, Sophomore year—four hours a week. Elective except for Scientific Students.

5. General Zoology.

Winter and Spring terms, Sophomore year—four hours a week. Elective except for Scientific Students.

6. Anatomical Technology, Human Osteology, and the anatomy of the cat.

Fall and Winter terms, Junior year—four hours a week. Elective.

## XII. PHYSICAL CULTURE.

In the gymnasium and through the Athletic Association, ample provision is made for the physical well-being of the students. It is, however, the policy of the school to make physical culture merely supplementary. The object is to furnish healthful recreation without detracting from class work. Tours are forbidden and the number of match games reduced to the minimum.

## XIII. SPECIAL COURSES.

Instruction in the following courses is offered. Particular information may be obtained by addressing the Chairman of the Faculty, or the instructor in charge.

### ART.

The studio, a large well-lighted room, is supplied with materials for study—easels, studies, and still-life.

COURSE IN ART.—First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water color painting (monochrome) from still life. Perspective.

SECOND YEAR. Drawing from casts, drapery, and groups of objects, in charcoal and crayon. Pen and ink drawing.



Painting from still life, in oil and water color. Perspective. Artistic anatomy.

THIRD YEAR. More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color, and pastel. Art history.

FOURTH YEAR. Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

## MUSIC.

### PIANO COURSE.

#### FIRST GRADE.

- |                   |   |
|-------------------|---|
| Studies . . . . . | { Landon's Foundation Materials.<br>{ Standard Grade Course—W. S. B. Matthews.<br>{ Koehler: op. 50.<br>{ Scales. |
| Compositions .    | { Kleinmichel: Clavier Spieler, (4 hands,) 1st book.<br>{ Gurlitt: op. 178 (4 hands).                             |

#### SECOND GRADE.

- |                     |  |
|---------------------|--|
| Studies : . . . . . | { Duvernoy: op. 120—3 books.<br>{ Scales and Arpeggios.<br>{ Lemoine: op. 37.<br>{ Schmoll: Execution, Phrasing, Expression. |
| Compositions..      | { Clementi, Kuhlman, Lange, Burgmüller.<br>{ Concone, Sartorio, Heins, Lichner, Dennee.                                      |

OUTLINE OF PIANO COURSE—*Continued.*

## THIRD GRADE.

- |                |   |  |
|----------------|---|--|
| Studies ... .. | { | Bach: Twelve Little Preludes.                                  |
|                |   | Heller: Opus 47, 46, 45.                                       |
|                |   | Loeschorn: op. 66, 3 books.                                    |
|                |   | Minor Scales.  |
| Compositions . | { | Selections from Schubert, Weber, Mozart, Beethoven, (4 hands). |
|                |   | Jungman, Jensen, Liebling.                                     |
|                |   | Godard, Grieg, Sherwood, Mendelssohn.                          |
|                |   |  |

## FOURTH GRADE.

- |                |   |  |
|----------------|---|--|
| Studies.....   | { | Bach: Two Part Inventions.             |
|                |   | Czerny: op. 740.                       |
|                |   | Heller: "Art of Phrasing" op. 16.      |
|                |   | Jensen: Characteristic Studies op. 32. |
| Compositions . | { | Schubert: Marches, (4 hands).          |
|                |   | Grieg, Henselt, Chopin, Chaminade.     |
|                |   | Schubert, Rubenstein, Leschetizky.     |
|                |   | Moskowski, Handel.                     |

## FIFTH GRADE.

- |                |   |                                |
|----------------|---|--------------------------------|
| Studies .....  | { | Bach: French Suites.           |
|                |   | Bach: Suites Anglaises.        |
|                |   | Clementi: Gradus ad Parnassum. |
|                |   | Kullak: Octave Studies.        |
| Compositions . | { | Moschelles: op. 70.            |
|                |   | Beethoven, Schubert, Schuman.  |
|                |   | MacDowell, Chopin.             |
|                |   | Moskowski, Meyer-Helmund.      |
|                |   | William Mason.                 |

OUTLINE OF PIANO COURSE—*Continued.*

## SIXTH GRADE.

Studies . . . . .	{	Chopin: op. 10....op. 25.
	{	Bach, Vogrich.
Compositions .	{	Brahms, Heller, Wagner.
	{	Liszt, Chopin, Schuman.

## VOCAL COURSE.

## FIRST GRADE.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger and Concone.

## SECOND GRADE.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

## THIRD GRADE.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies of Sieber, Marchesi, Lamperti. More difficult songs. Church music.

## FOURTH GRADE.

More advanced studies for equalizing the voice in all registers, broadening the technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

## COMMERCIAL BRANCHES.

Instruction is given in Book keeping, Business Practice, Shorthand, Typewriting and Business Law.

# OUTLINE OF COLLEGE COURSES.

## FRESHMAN YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Latin, 1 . . . . . (4)	Latin, 1 . . . . . (4)	Biology XI-D-1, 2, 3... (4)
Greek, 1 . . . . . (4)	German, 1 . . . . . (4)	German, 1 . . . . . (4)
All courses . . . . .	{	Mathematics, 1 . . . . . (5)
		Rhetoric, VIII-1 . . . . . (4)
		English History, 1, . . . . . (2)
Total hours required, 19.		

## SOPHOMORE YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Latin, 2, 3, 4 . . . . . (4)	Latin, 2, 3, 4 . . . . . (4)	Mathematics, 2 . . . (4)
Greek, 2, 3 . . . . . (4)	German, 2 . . . . . (4)	German, 2 . . . . . (4)
All Courses . . . . .	{ English Literature, 3, 4 . . . . . (3)	
	{ Biology .. { XI-D-1, 2, 3 . . . . . (4)	
	{ XI-D-4, 5, (Scientific) . . . . . (4)	
Elective . . . . .	{ European History, 2 . . . . . (3)	
	{ Mathematics, 2 . . . . . (4)	
	{ French, 1 . . . . . (3)	
	{ Elocution . . . . . (2)	

Prescribed hours, 15.

Elective           ,,    3.

Total hours required, 18.

OUTLINE OF COLLEGE COURSES—*Continued.*

## JUNIOR YEAR.

CLASSICAL.	PHILOSOPHICAL	SCIENTIFIC.
All Courses.....	{ Political Science, 1, 2, 3. ....(3)	
	{ Logic -Nat.Theo.—Comp. Rel.,I, 1; II, 1, 2.(3)	
	{ Physics—Chemistry XI-A-1; B-1.....(5)	
Elective.....	{ Latin, 2, 3, 4.....(2)	
	{ Greek, 2, 3 .....(2)	
	{ French, 2.....(2)	
	{ English Literature, 5.....(2)	
	{ French, 1.....(3)	
	{ Church Hist.—Hist. of Civ. IX, 3, 4.....(3)	
	{ German, 1, 2, or 3.....(4)	
	{ Mathematics, 2 or 3.....(4)	
	{ Biology..	{ XI-D-4, 5.....(4)
		{ XI-D-6.....(4)

Prescribed hours, 11.

Elective       ,,     6.

Total hours required, 17.

OUTLINE OF COLLEGE COURSES—*Continued.*

## SENIOR YEAR.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
All Courses.....	{ Psychology I, 2..... (3)	
	{ Ethics—Hist. of Phil. I, 3, 4..... (3)	
	{ Geology XI-C.. } .....	
	{ Astronomy X-4 } .....	
Elective.....	{ *Chemistry, XI-B-2. .... (3)	
	{ English Literature, 5..... (2)	
	{ French, 2..... (2)	
	{ Const. Hist. and El. Law, IX-5..... (3)	
	{ German, 2 or 3..... (4)	

\*Chemistry is required of Scientific Students.

Prescribed hours, 11 or 14.

Elective       ,,       5 or 2.

Total hours required, 16.

The number immediately following the name of a subject refers to the department and the course The number in parenthesis indicates the number of recitations each week.

No purely elective course is organized for less than four students.

No advanced elective course may be chosen except by those who have taken the work preparatory thereto.



## DEGREES.

The University confers the following degrees: the degree of Bachelor of Arts upon graduates of the classical course; that of Bachelor of Philosophy upon graduates of the philosophical course; and that of Bachelor of Science upon graduates of the scientific course.

It is required for graduation that the student shall have completed the prescribed work in one of the courses, and shall have taken elective work sufficient to make a minimum of eighteen hours a week in the Sophomore year, seventeen in the Junior and sixteen in the Senior, which, with the nineteen required in the Freshman, constitute a minimum of seventy-one hours.

In addition to the Bachelor's degrees the degree of Master of Arts is conferred upon graduates of the classical and philosophical courses who shall have completed prescribed work in Philosophy, History, Latin or Greek, with examination and thesis.

The degree of Master of Science is conferred upon graduates of the scientific course who shall have completed prescribed work in Chemistry and Physics, Biology or Mathematics, with examination and thesis.

These degrees will not be conferred in less than two years after graduation. It is desirable that at least one year be spent in resident work at the College. The final examinations must in all cases be taken at the College. The thesis must be printed or typewritten and becomes the property of the College.

The College does not confer degrees in course.

The College does not offer courses leading to the degree of Doctor of Philosophy.

A fee of five dollars is charged for the Bachelor's diploma; a fee of ten dollars for the Master's diploma.

## THE ACADEMY.

The Academy offers three distinct courses, each the foundation for one of the College courses. The scientific and philosophical courses are admirably adapted to the needs of those intending to teach.

Students are permitted to enter any class for which they are prepared and are classified in the catalogue according to their attainments.

Instruction in the Academy is given by the regular College professors. The students have all the privileges of the College.

All subjects in each course are required of those who enter on that course.

All studies run throughout the academic year. No credit toward promotion or entering on college work is given for part of a year's work.

### COURSE OF STUDY BY DEPARTMENTS.

#### I. LATIN.

(A-1.) Beginning Latin. (B-1.) Cæsar. (B-2.) Cicero. (C-1.) Ovid (C-2.) Vergil.

A-1. Beginning Latin: Principles, forms, syntax, vocabulary; accuracy and speed in translation. Also a course in easy Latin prose composition and easy Latin reading. Text-books: Smiley and Storke's Beginning Latin Book, Bennett's Prose Composition and Grammar, D'Ooge and Daniell's Second Year Latin Book.

Junior year—five hours a week.

B-1. Extracts from Cæsar, equivalent to three books. Latin prose composition. Text-books: Kelsey's Cæsar; Jones's Prose Composition.

Fall term, Middle year—five hours a week.

B-2. Seven orations of Cicero, including "The Manilian Law" and "For Archias." Latin prose writing. Text-books: Kelsey's Cicero; Mather and Wheeler's Prose Writing.

Winter and Spring terms, Middle year—five hours a week.

C 1. Selections from Ovid; Study of Prosody and Meters of Ovid. Drill in scanning and reading poetry.

Fall term, Senior year—four hours a week.

C-2. Bucolics and Aeneid (Bks. I-VI.) of Vergil. Review of Roman History. Text-books: Miller's Ovid and Vergil, Page's Bucolics, Meyer's Rome.

Winter and Spring terms, Senior year—four hours a week.

## II. GREEK.

(A.) Beginning Greek. (B.) Second year Greek.

A. Beginning Greek: Forms, vocabulary, oral and written translations. Easy prose composition and reading. Text-books: Frisbee's First Greek Book, Pearson's Prose Composition, Goodwin's Grammar, Keene's Selections Illustrating Greek Life.

Middle year—five hours a week.

B. Selections from Xenophon; Lucian's Timon; Oration of Lysias. Prose composition. Text-books: Good-

win's Greek Reader, Sewell's Timon, Wait's Lysias, Higley's Prose Composition.

Senior year—five hours a week.

### III. GERMAN.

(A-1.) German Grammar. (A-2.) Hewitt's Reader.  
(A-3.) Storm's Immensee.

A-1. German Grammar, easy prose reading.

Fall term, Senior year—five hours a week.

A-2. Grammar, Hewitt's Reader.

Winter term, Senior year—five hours a week.

A-3. Storm's Immensee and short stories from various authors.

Spring term, Senior year—five hours a week.

### IV. ENGLISH.

(A.) Grammar. (B.) Elementary Rhetoric. (C.) Composition.

A. English Grammar.

Junior year—five hours a week.

B. Elementary Rhetoric.

Middle year—five hours a week.

C. Composition.

Senior year—one hour a week.

## V. HISTORY.

General History.

Junior year—five hours a week.

## VI. MATHEMATICS.

(A.) Higher Arithmetic. (B.) Beginning Algebra.

(C-1.) Advanced Algebra. (C-2.) Plane Geometry.

A. Higher Arithmetic.

Junior year—five hours a week.

B. Beginning Algebra.

Middle year—five hours a week.

C-1. Advanced Algebra.

Fall term, Senior year—five hours a week.

C-2. Plane Geometry.

Winter and Spring terms, Senior year—five hours a week.

## VII. SCIENCE.

## A. PHYSICS.

Elementary Physics. Text-book: Carhart and Chute.  
Laboratory Manual: Experimental Physics, Stone.

Fall and Winter terms, Senior year—five hours a week.

## B. CHEMISTRY.

Elementary Chemistry. Text-book: Freer. Laboratory  
Manual: Williams.

Winter and Spring terms, Senior year—five hours a week.

## C. BIOLOGY.

Elementary Biology. One term each of Zoology, Physiology and Botany.

Middle year—five hours a week.

NOTE.—For Physical Culture and Special Courses, all of which are open to Academy students on the same terms as to College students, see Departments XII. and XIII. of the College.



# Outline of Academy Course.

## COURSE OF STUDY.

### JUNIOR YEAR.

Fall.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.
Winter.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.
Spring.....	{	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.	Beg. Latin. Arithmetic. Gen. History. Eng. Grammar.

### MIDDLE YEAR.

Fall.....	{	Latin—Cæsar. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cæsar. El. Zoology. Beg. Algebra. El. Rhetoric.	Latin—Cæsar. El. Zoology. Beg. Algebra. El. Rhetoric.
Winter.....	{	Latin—Cicero. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Physiology. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Physiology. Beg. Algebra. El. Rhetoric.
SPRING ....	{	Latin—Cicero. Beg. Greek. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Botany. Beg. Algebra. El. Rhetoric.	Latin—Cicero. El. Botany. Beg. Algebra. El. Rhetoric.

Fall.....	{	Latin—Ovid.	Latin—Ovid.	Latin—Ovid.
		Greek—Xenophon.	Beg. German.	Beg. German.
		Adv. Algebra.	Adv. Algebra.	Adv. Algebra.
		El. Physics.	El. Physics.	El. Physics.
		English.	English.	English.
Winter ....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		Physics—Chem.	Physics—Chem.	Physics.
		English.	English.	English.
Spring.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		El. Chemistry.	El. Chemistry.	El. Chemistry.
		English.	English.	English.

All subjects five hours a week, except in the Senior Year, Latin is four and English one hour a week.

NOTE.—By reference to the Course of Study, outlines of the work done in each subject may be found.

# List of Students.

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## THE COLLEGE.

### SENIOR YEAR.

Conley, Florence Elizabeth, <i>c</i> .....	Carlinville
Lane, Velma Echo, <i>s</i> .....	Medora
Strain, Robert Seela, <i>c</i> .....	Nokomis
Younger, Thomas, <i>c</i> .....	Carlinville

### JUNIOR YEAR.

Andel, Elsa, <i>p</i> .....	Carlinville
Burnett, Bessie, <i>p</i> .....	Carlinville
Crowder, Herbert Alexander, <i>p</i> .....	Carlinville
Gamble, Irwin Horace, <i>c</i> .....	Hillsboro
Hemphill, Victor Herman, <i>s</i> ...	Carlinville
Olmstead, Charles Allen, <i>p</i> .....	Carlinville
Tyler, George Chapman, <i>p</i> ....	Divernon

### SOPHOMORE YEAR.

Brown, Spencer Gilson, <i>c</i> ...	Brighton
Burke, Helen DuBois, <i>p</i> .....	Carlinville
Burton, Cornelia Rider, <i>c</i> .....	Carlinville
Culp, Martha Mahala. <i>c</i> .....	Womac
Fischer, Gertrude Elfrieda, <i>c</i> .....	Carlinville
McClure, Charles King, <i>p</i> .....	Carlinville
Messick, Nellie Rebecca, <i>c</i> .....	Carlinville
Meyer, Elizabeth, <i>c</i> .....	Carlinville
Rinaker, Clarissa, <i>c</i> .....	Carlinville
Turnbull, Ida Caroline, <i>c</i> .....	Carlinville

### FRESHMAN YEAR.

Boysen, Marie Jeanette, <i>c</i> .....	Carlinville
Denby, Mary Myrtle, <i>s</i> .....	Nilwood

Dresser, Lawrence Tyler, <i>c</i> .....	Divernon
Gore, David Bell, <i>p</i> .....	Carlinville
Hirsch, Albert, <i>s</i> .....	Girard
Jones, John William, <i>c</i> .....	Virden
Robertson, Mary, <i>p</i> .....	Carlinville
Steward, Edna Mae, <i>c</i> .....	Carlinville
Stone, Charles Allen, <i>s</i> .....	Shipman
Woods, Charles Herbert, <i>c</i> .....	Carlinville

## THE ACADEMY.

### SENIOR YEAR.

Bell, Robert Hamilton, <i>s</i> .....	Carlinville
Burton, Robert, <i>c</i> .....	Carlinville
Liston, Joseph Bostwick, <i>s</i> .....	Carlinville
Parks, Bessie June, <i>c</i> .....	Carlinville
Rinaker, Harriet, <i>c</i> .....	Carlinville
Sanner, Jacob Otto, <i>c</i> .....	Woodburn
Schum, Clara Caroline.....	Carlinville

### MIDDLE YEAR.

Browning, Wade Eugene.....	Atwater
Corgan, Mabel.....	Carlinville
Crew, George E.....	Carlinville
Lucas, Fred D.....	Carlinville
Parks, Theodora.....	Carlinville
Sanner, Julia Frances.....	Woodburn
Skaggs, Allen Orrin.....	Waggoner
Woolley, Clyde Ross.....	Carlinville

### JUNIOR YEAR.

Ament, Clarence Roy.....	Litchfield
Burke, Bertie Mayfield.....	Carlinville
Chisholm, Mildred.....	Carlinville
Hounsley, Charles Abner.....	Chesterfield
Yancey, Lillian.....	Carlinville
Young, Arthur Charles.....	Carlinville
Young, Edwin.....	Carlinville

## SPECIAL.

Barnstable, Ethelind Lillian.....	Carlinville
Braley, Florence.....	Viriden
Clarkson, Fannie.....	Atwater
Dryer, John Lewis.....	Butler
Fletcher, Wm. Edwin.....	Carlinville
Hughes, Charles Earle.....	Carlinville
Jackson, Leslie.....	Athensville
Jones, Ruby.....	Viriden
Kasten, Emma Marguerite.....	Carlinville
Keplinger, Cora Mae.....	Carlinville
Lair, Jud.....	Girard
Ross, Minnie L.....	Viriden
Simpson, Charles.....	Shipman
Walker, Essie.....	Shipman

## BUSINESS DEPARTMENT.

Ibbetson, Wm. H.....	Carlinville
Simpson, Jessie.....	Palmyra
Turnbull, Nellie.....	Carlinville

## ART DEPARTMENT.

Baker, Ann.....	Carlinville
Barcus, Mason.....	Carlinville
Johnson, Lois.....	Carlinville
Lumpkins, Mrs. C. J.....	Carlinville
Otwell, Bertha.....	Carlinville
Patchen, Nellie.....	Carlinville

## MUSIC DEPARTMENT.

## VOCAL.

Burke, Helen.....	Carlinville
Castle, Louise.....	Carlinville
Conley, Florence.....	Carlinville
Corgan, Harriett.....	Carlinville
Corgan, Mabel.....	Carlinville
Corgan, Susie.....	Carlinville
Duckles, Fay.....	Carlinville
Dugger, Grace.....	Barnett
Fanning, Fay.....	Carlinville

Furber, Caroline.....	Carlinville
Gilbert, Louise .....	York, Neb.
Hankins, Clara .....	Carlinville
Hemphill, Ruth.....	Carlinville
Johnson, Lois .....	Carlinville
Keplinger, Cora.....	Carlinville
Palmer, Harriett.....	Carlinville
Parrott, Clara .....	Chesterfield
Peebles, Kathryn.....	Carlinville
Pruitt, Katie ..	Barnett
Ross, Mrs. L. E.....	Carlinville
Ross, Olive.....	Canton
Straub, Annie.....	Carlinville
Turnbull, Ida.....	Carlinville
Vaughn, Otis .....	Carlinville

#### INSTRUMENTAL.

Anderson, Jessie.....	Carlinville
Anderson, Lucile.....	Carlinville
Anderson, Martha.....	Carlinville
Boysen, Marie.....	Carlinville
Burke, Beatty.....	Carlinville
Burke, Bertie.....	Carlinville
Burke, Helen .....	Carlinville
Burke, Martha.....	Carlinville
Corgan, Mabel..	Carlinville
Crew, Charlotte.....	Carlinville
Culp, Martha .....	Womac
Fischer, Babe.....	Carlinville
Hoblit, Norma ..	Carlinville
Hulse, Mrs. Wm. R.....	Carlinville
Ibbetson, Mabel.....	Carlinville
Johnson, Lois.....	Carlinville
Keas, Myrtle.....	Carlinville
Keplinger, Cora.....	Carlinville
Kluegel, Lydia.....	Carlinville
Loehr, Adele.....	Carlinville
McClure, Sudie .....	Carlinville
Messick, Nellie.....	Carlinville



Mounts, Maryon.....	Carlinville
Mueller, Gustav.....	Carlinville
Patchen, Nellie.....	Carlinville
Rinaker, Clarissa.....	Carlinville
Rinaker, Harriett.....	Carlinville
Robertson, Mary.....	Carlinville
Schaper, Florence.....	Carlinville
Smith, Tot.....	Carlinville
Steinmeyer, Flora.....	Carlinville
Steinmeyer, Marie....	Carlinville
Steward, Edna.....	Carlinville
Steward, Helen.....	Carlinville
Surman, Alpha.....	Carlinville
Westermeier, Florence .....	Carlinville
Westermeier, Genevieve .....	Carlinville
Wilson, Olive.....	Carlinville
Upton, Florence.....	Barnett

## SUMMARY.

## THE COLLEGE—

Senior year. ....	4
Junior year.....	7
Sophomore year.....	10
Freshman year.....	10

## THE ACADEMY—

Senior year.....	7
Middle year. ....	8
Junior year.....	7
Special students.....	14
Business.....	3
Art.....	6
Vocal music.....	24
Instrumental music.....	39
Total. . .	139
Counted twice. ....	19
Net. ....	120

## ALUMNI.

1870.

Carson, Harlan P. .... Minister..... Scotland, S. D.  
 Dawes, Orrie, (Mrs. Nicholas Du Bois)..... Springfield  
 McMillan, Duncan J. .... Minister..... New York City  
 Minton, William B. .... Minister..... Greenville  
 Smith, Charles J. .... Merchant..... Seattle, Wash.  
 Spencer, Milton J. R.  
 \*Welch, John C.

1871.

Dalby, John W. .... Teacher..... Barr's Store  
 DuBois, Nicholas ..... Draughtsman .... Springfield  
 Holden, William L. .... Merchant..... Manitowoc, Wis.  
 Johnson, Clara, (Mrs. Peter Denby)..... Carlinville  
 Luternan, Gottfried..... Minister..... Elmhurst  
 McLane, W. W. .... Minister ..... New Haven, Conn  
 Parks, Adolphus H. .... Minister.. ... Hutchinson, Kan.

1872.

Berry, Kate, (Mrs. Charles Burgdorff)..... Carlinville  
 Corn, Emma, (Mrs. Henry McMillan)..... Salt Lake City  
 Fishback, Mollie, (Mrs. Henry Corn).. .... Wichita, Kan.  
 Johnston, William ..... Minister..... Pacific Beach, Cal.  
 Holden, Kate, (Mrs. Andrew Wood)..... Chicago  
 \*Mayo, Florence, (Mrs. James Towey)  
 Minton, Edward ..... Physician..... Oakdale, Neb.

1873.

\*Bailey, Grace, (Mrs. John Muckle).  
 Crum, Xerxes X. .... Insurance..... Cleveland, O.  
 Culp, Silas W. .... Editor..... Morrisonville  
 Gilbert, Edward A. .... Lawyer. .... York, Neb.  
 Holliday, Fannie, (Mrs. C. A. Moore).. .... St. Paul, Minn.

\*Deceased.

Illsley, William H. . . . . Minister . . . . . Leon, Ia.  
 Loomis, Webner E. . . . . Lawyer. . . . . Springfield  
 \*McCune, Miles V.  
 Montgomery, Henry H. . . . . Lawyer. . . . . Carrollton  
 Palmer, Lyman L. . . . . Editor . . . . . Chicago  
 \*Powers, Meroe.  
 Soule, Wm. L.  
 Strange, Ferdinand G. . . . . Minister . . . . . Ashland, Ore.

## 1874.

\*Brown, Delia.  
 Deal, John . . . . . Physician . . . . . Riverton  
 Holliday, Wm. C. . . . . Civil Engineer. . . . . Clinton, Mo.  
 Joplin, Martha, (Mrs. Cyrus Sawyer). . . . . Nashville  
 \*Mayo, Libbie.  
 \*Minton, Kate, (Mrs. Newton Gray).  
 Rinaker, Thomas. . . . . Lawyer . . . . . Carlinville  
 Soule, Chas. B. . . . . Insurance. . . . . Leadville, Colo.  
 Venable, Eleanor, (Mrs. W. H. Nutting) . . . . . Salt Lake City

## 1875.

Bailey, John W. . . . . Minister . . . . . Topeka, Kan.  
 Bell, Alexander H. . . . . Lawyer. . . . . Carlinville  
 Blackburn, Flora C. . . . . Teacher . . . . . Salt Lake City  
 Davis, Clinton . . . . . Farmer. . . . . Carlinville  
 Enos, John J. . . . . Express Agent . . . . . Portland, Ore.  
 Gilson, Edward P. . . . . Lawyer. . . . . Shipman  
 \*Halsey, Fred S.  
 Holliday, Geo. S. . . . . Lawyer . . . . . Clinton, Mo.  
 Loomis, Horace W. . . . . Lawyer. . . . . Silver City, N. M.  
 McClure, James A. . . . . . . . . . Carlinville  
 Otwell, Anna E. . . . . Teacher. . . . . Springfield  
 Powers, Gertrude, (Mrs. Roe). . . . . Kansas City, Mo.  
 Smith, John N. B. . . . . Minister. . . . . Carlinville  
 Tiebout, Charles A. . . . . Farmer. . . . . Roseland, La.  
 Walker, John A.

\*Deceased.

1876.

Burton, Frank W.....Lawyer.....Carlinville  
 DuBois, Agnes E.....Curator Museum.....Springfield  
 Glass, Zaidee.....Mason City  
 Hamilton, Nora.....Chicago  
 Holliday, Sue E.....Clinton, Mo.  
 Loomis, Fanny J., (Mrs. Benjamin Dorsey).....Alton  
 Olmsted, Charles A.....Farmer.....Shipman  
 Van Horn, Joel.  
 Wallace, Henry H.....Physician.....Chicago

1877.

Dugan, John H.  
 Gray, Newton.....Druggist.....Livermore, Cal.  
 Logan, Lillian, (Mrs. Page).....Chicago  
 Mayo, Lou B., (Mrs. Edward Gilbert).....York, Neb.  
 Moore, Thos. E.....Teacher.....Carlinville  
 Meyers, Melancthon M.....Assumption

1878.

Campbell, John S.....Teacher.  
 \*Fansler, William A.  
 Harrington, Geo.....Business.....Chicago  
 Howell, Julia A., (Mrs. Mundy French).....Mattoon  
 Mayfield, Nellie P., (Mrs. Wm. Reed, Jr.).....Carlinville  
 Sargent, Herbert H....Col. U. S. Army...Manila, Philippine Islands  
 \*Wilson, Thos. R.

1879.

\*Brown, Howard S.  
 Du Bois, Lucy A.....Teacher.....Wichita, Kan.  
 \*Hoben, Michael.  
 Hughes, Annie K.....Chicago  
 McClure, Milton.....Lawyer.....Beardstown  
 Soule, Frank.....Editor.....Chicago

1880.

Fishback, Alice.....Chicago  
 Gore, Victor M.....Lawyer.....Benton Harbor, Mich.

\*Deceased.

Hurd, Hattie S. .... Jacksonville  
 Mayo, Carrie P., (Mrs. Samuel Rinaker) ... Beatrice, Neb.  
 Nutting, Chas. C. .... Prof. Iowa Univ. ... Iowa City, Iowa  
 Rinaker, Samuel .... Lawyer. .... Beatrice, Neb.  
 Ross, Mildred F., (Mrs. Geo. F. Fanning) ... Carlinville  
 Ruark, Alice W., (Mrs. E. C. Roads) ... East St. Louis  
 \*Tunnell, Wm. H.  
 Weaver, Florence E., (Mrs. Justin James) ... Chicago  
 Whittaker, Clara S., (Mrs. Victor M. Gore) ... Benton Harbor, Mich.

## 1881.

Berry, Herbert.

\*Blackburn, Chas. H.

Brown, Chas. W. .... Lawyer. .... Rapid City, S. D.  
 Gore, M. A., (Mrs. Chas. W. Brown) ... Rapid City, S. D.  
 Hankins, Charles C. .... Physician. .... Golden City, Mo.  
 Merz, Henry .... Prof. Wyo. Univ. ... Laramie, Wyo.  
 Miller, Ethel A., (Mrs. G. W. Dugger) ... Pasadena, Cal.  
 Mounts, William L. .... Lawyer. .... Carlinville  
 Schlueter, Henry C. .... Minister. .... Baltimore, Md.  
 \*Tarbet, Henry B.  
 Tarbet, William L. .... Business. .... Chicago

## 1882.

Chapman, Charlotte E., (Mrs. Joseph Rowett) ... Joliet  
 Du Bois, Hugh M. .... Real Estate. .... Wichita, Kan.  
 Gilbert, Charles A. .... Lawyer. .... York, Neb.  
 Koester, Louise ... Carlinville  
 Lee, Florence, (Mrs. Speaks) ... Salina, Kan.  
 Lee, Theo. Y. .... Minister. .... Spanish Fork, Utah  
 McCord, William E. .... Minister. .... New York City  
 Miller, Alice, (Mrs. Taylor Crow) ... Fairmount  
 Sargeant, Charles. .... Mech. Engineer. .... Chicago  
 Sewall, Mamie, (Mrs. Hugh De Bois) ... Wichita, Kan.  
 Thomas, Marvel. .... Physician. .... Gillespie  
 Wilson, John W. .... Minister. .... Weston, O  
 Witte, Elizabeth. .... Teacher. .... Boston, Mass.

\*Deceased.

1883.

Foster, Lottie, (Mrs. Tabott).....	Chillicothe, Mo.
Hopkins, Lynn C.....	Lawyer.....Carrollton
Hurd, Edwin G.....	Teacher.....Philadelphia, Penn.
Searcy, James B.....	Lawyer.....Carlinville
Sewall, George H.....	Editor.....Carthage, Mo.
Sewall, Grace. ....	Stenographer.....Chicago
Taggart, Bertie, (Mrs. W. E. Andrews).....	Taylorville
Underkoffler, Georgia, (Mrs. Malcolm Greenleaf).....	Carlinville
Wilson, Charles F.....	Minister.....Gilman

1884.

Andrews, W. E.....	Teacher.....Taylorville
Armstrong, F. S.....	Business.....Salt Lake City
Armstrong, J. C.....	Manufacturer.. ...Lockport, N. Y.
Clark, Hattie E., (Mrs. Wones).....	St. Louis, Mo.
Gilbert, W. W.....	Business.....Carlinville
Hankins, Leon C. ....	Clerk.....Carlinville
Hulse, W. R.....	Real Estate.....Carlinville
*Keeler, Carrie.	
Kimball, Mabel E., (Mrs. Urion).....	Chicago
King, S. H.....	Minister.....Seymour, Iowa
Lynch, Lillie B.....	Carlinville
McKee, Herbert R .....	Merchant.....Denver, Colo
*Minton, R. L.	
Otwell, William B.....	Nurseryman.. ...Carlinville
Paddock, Porter.....	Lawyer.....Toledo, Ohio
Ross, Pierce T.....	Ass't Bank Cashier.....Carlinville
Wheat, Samuel C. ....	Dentist.....Kansas City, Mo.

1885.

Brown, Charles M.....	Minister. .... Jacksonville
Fansler, Thos. L.....	Evanston
Hurd, Carrie, (Mrs. Charles M. Brown).....	Jacksonville
Hurd, Clara (Mrs. A. Taylor).....	Farmersburg, Ind.
Kelley, Cassie.....	Teacher.....Carlinville
Lumpkin, Clement J.....	Editor .... Carlinville

\*Deceased.



Nutting, Helen M., (Mrs. C. A. Highfield).....Manchester, Ia.  
 Rinaker, John I. . . . .Architect.....Springfield  
 Ruark, Lillian . . . . .Stenographer..... St. Louis, Mo.  
 Tunnell, Mamie, (Mrs. Boyle)..... Plainview

## 1886.

Balcar, Benjamin T.....Minister.....Monticello, Ia.  
 Bird, Olive, (Mrs. Coy Roach).....Girard  
 Carrico, Laura, (Mrs. George White).....Grant's Burg, Ind.  
 Diebel, Albert.....Book-keeper.....St. Louis, Mo.  
 Forde, L. H.....Minister.....Castlewood, S. D.  
 \*Hersman, Lizzie, (Mrs. C. C. Nutting).  
 Hunter, James M . . . . .Farmer.....Bakersfield, Cal.  
 Jordan, Geo. F.....Business.....Carlinville  
 McHenry, Herbert.....Minister.....Delhi, Minn  
 Minton, Hugh M.....Surveyor.....Carlinville  
 Nutting, Annie S., (Mrs. J. M. Ross).....Warrensburg, Mo.  
 Ross, J. M . . . . .Minister.....Warrensburg, Mo.  
 Sewall, William J.....Editor.....Carthage, Mo.  
 Taylor, Alfred G.... . .Minister.....Farmersburg, Ind.  
 Vancil, Burke . . . . .Lawyer.....Springfield  
 Vancil, Effie, (Mrs. G. Jordan).....Carlinville  
 Wortman, Henry.....Minister.....George, Ia.

## 1887.

Griffes, James L.....Minister.....Remington, Ind.  
 Graham, Charles W.....Teacher.  
 Hinckley, John W.....Onarga  
 Lingle, William H.....Minister..Manila, Philippine Islands  
 Matthews, John Palmer. . . . .Physician. . . . .Carlinville  
 McClure, James E.....Lawyer.....Carlinville

## , 1888.

Cloud, Alva.....The Klondike  
 Hersman, Ella, (Mrs. A. G. McGraw).....Etawah, India  
 Highfield, Charles A.....Minister.....Manchester, Iowa  
 Hunter, Mary, (Mrs. Austin).....Lone Pine, Cal.  
 Kessinger, S. W.....Editor.....Litchfield

\*Deceased.

Lumpkin, Mattie, (Mrs. Sterman) .....Owensboro, Ky.  
 McClure, Edmonia B., (Mrs. Jesse Peebles) .....Carlinville  
 Rinaker, Lewis .....Lawyer.....Chicago  
 Smith, Harry.....Minister.....Golden, Colo.  
 Vancil, Ollie, (Mrs. Lewis Rinaker).....Chicago  
 White, George L.....Minister.....Grant's Burg, Ind.

1889.

Berry, A. L. ....Minister.....Livermore, Ia.  
 Caldwell, Georgia, (Mrs. Allard).. ....Waggoner  
 Foster, James E....Minister.....Martinsburg, Ia.  
 Hays, W. L.....Minister.....Newberry, Mich.  
 Mayo, Walter S. ....Farmer.....Carlinville  
 McCord, Rosamond .....New York City  
 Peebles, Jesse.....Lawyer.....Carlinville  
 Silsby, Frances O., (Mrs. W. H. Parker).....Table Rock, Neb.  
 Witt, W. E.....Lawyer.....Raymond, Ill.

1890.

Bird, Daisy, (Mrs. Hugh Minton) .....Carlinville  
 Caldwell, Bessie, (Mrs. S. W. Kessinger) .....Litchfield  
 Deadrick, Hattie.....Teacher.....Carlinville  
 Galt, W. A .....Minister.....Omaha Agency, Neb.  
 Johnson, Mamie, (Mrs. Everett Turnbull).....Carlinville  
 Robinson, John H.....Editor.....Boston, Mass.  
 Russell, W. M.....Lawyer.....Bluffdale

1891.

Burgdorff, Amanda J., (Mrs. E. E. Gore).....Chicago  
 Freark, F. A.....Teacher.....Springfield  
 Keas, Elfie M.....Teacher.....Carlinville  
 Johnson, George B.....Electrician.....Chicago  
 Sims, Claribel, (Mrs. F. T. Conner) .....St. Louis, Mo.  
 \*Sargent, Ernest True.

1892.

Anderson, William Hamilton ...Lawyer.....Springfield  
 Crowell, Walter Harrison.....The Klondike

\*Deceased.

Fisher, Frank Bean. .... Physician..... Springfield  
 Tunnell, Susan Jane, (Mrs. F. G. Wood)..... Girard  
 Yaeger, Marie Anita, (Mrs. P. A. Cowan)..... Vicksburg, Miss.

1893.

Finch, Lydia Bissell..... Chesterfield  
 Harris, Edwin ..... Minister..... Brighton  
 Johnson, Henry Willard ..... Real Estate..... New York City  
 Parks, Edna Blackburn..... Medical Missionary... .. China

1894.

Benson, James Andrew..... Minister..... Minneapolis, Minn.  
 Benson, Lewis Alonso.... .. Minister..... Philadelphia, Pa.  
 Challacombe, Wesley Adams.... Prof. Blackburn Univ.. Carlinville  
 Matthews, Lucy Myra, (Mrs. H. S. Gaines).... .. Kansas City, Mo.  
 Otwell, Clarice..... .. Teacher..... Carlinville  
 Peebles, Earl Metcalf. .... Business ..... Carthage, Mo.  
 Warner, Charles Henry. .... Minister..... New York City

1895.

Costello, Richard William..... Teacher..... Carlinville  
 David, Herbert A..... .. Editor ..... Carlinville  
 Galt, Carrie..... .. Teacher..... Springfield  
 Loveless, Milo James..... Teacher..... Virden  
 Peebles, Roy Bird..... Business ..... Carthage, Mo.  
 Simpson, Austin Ulysses..... Physician..... Chicago  
 Sims, Margaret Maud, (Mrs. J. E. Pence)..... Carlinville  
 Strain, John Newton ..... Minister..... Harrisburg  
 Thorpe, Eliza Esther Williams.. Teacher..... Carlinville  
 Wilson, William Wallace..... Minister..... Oakland

1896.

Horine, William H..... Physician ... Haileyville, Ind. Ty.  
 Mosser, Geo. Herbert ..... Editor.. ..... Mattoon  
 Pryse, Jessie..... Teacher..... Humboldt, Neb.  
 Wilson, George Duncan..... Lawyer..... Mattoon

\*Deceased.

1898.

Corbin, Paul Leaton.....	Theol. Student.....	Oberlin, Ohio
Crowder, Truman Luther.....	Express Agent.....	Carlinville
Culp, Claudius Coltrain .....	Farmer .....	Womac
Horine, Anna Mary. ....	Teacher .....	Carlinville
McCord, Calvin Gould.....	Prof. Del Norte Col., Del Norte, Colo.	
Rode, Harry.....	Teacher.....	Spokane, Washington

1899.

Anderson, C. H. C.. ....	Farmer.....	Carlinville
Lane, Lora A.....	Teacher.....	Medora
Phelps, Gertrude E .....		Carlinville
Wood, W. S.....	Lawyer .....	Springfield

1900.

Parks, H. B.....	Farmer.....	Carlinville
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## Honorary Degrees Conferred.

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1873.

\*Rev. C. A. Foote, D. D.

1878.

Rev. D. S. Johnson, D. D., Chicago.

1880.

\*Hon. E. Y. Rice, LL. D.

\*Rev. R. D. Van Dursen, D. D.

\*Rev. John B. L. Soule, D. D.

1881.

\*Rev. John A. Pinkerton, D. D.

Rev. Herman C. Riggs, D. D., Rochester, N. Y.

1882.

\*Julius S. Taylor, Ph. D., Donor Taylor Museum.

Rev. W. W. McLane, D. D., New Haven, Conn.

Rev. R. C. Moffat, D. D., Walkerton, Ontario.

1884.

\*Elisha Gray, LL. D.

1885.

Rev. W. W. Faris, D. D., Miami, Florida.

Rev. W. C. Whitford, D. D., Milton, Wis.

1886.

Rev. N. L. Stratton, D. D., Wheaton.

Charles Robertson, M. S., Carlinville.

1888.

Rev. M. N. Powers, D. D.

Rev. A. S. Dean, D. D., Monmouth.

\*Rev. E. S. McMichael, D. D.

Rev. Robert C. Galbraith, D. D., Chillicothe, Mo.

Prof. J. D. Conley, Ph. D., Carlinville.

\*Deceased.

1889.

Rev. Jas. E. Rogers, D. D., Ex-Pres. B. U., Springfield.

Rev. John W. Rogers, D. D.

Rev. Ira C. Tyson, D. D., Pueblo, Col.

1890.

Rev. Charles N. Wilder, D. D., Champaign.

Rev. H. P. Carson, D. D., Scotland, South Dakota.

\*Rev. E. D. Wilkin, D. D.

1891.

Rev. J. N. B. Smith, D. D., Carlinville.

Rev. W. H. Penhallagon, D. D., Decatur.

1892.

Pres. John W. Cook, LL. D., DeKalb.

Prof. A. C. Butler, M. A., Taylorville.

\*Rev. James Lewis, D. D.

Georgia Caldwell (Mrs. Allard), A. M., Waggoner.

1893.

Rev. Richard Edwards, D. D., ex-Pres. B. U., Bloomington.

Rev. W. A. Hunter, D. D., Fort Collins, Colo.

Dr. A. C. Corr, M. A., Carlinville.

Prof. G. W. Smith, M. A., Carbondale.

1894.

Rev. P. Mason Bartlett, LL. D., Maryville, Tenn.

Rev. J. A. Piper, D. D., Charleston.

Rev. W. S. Pryse, D. D., Shawneetown.

Rev. Edgar W. Clark, D. D., Pana.

1895.

Rev. Samuel C. Palmer, D. D., St. Louis, Mo.

Rev. S. J. McPherson, LL. D., Lawrenceville, N. J.

1897.

Rev. Henry T. Miller, D. D., Detroit, Mich.

\*Deceased.



1898.

\*Rev. Chas. C. Snyder, D. D.

\*Samuel M. Inglis, LL. D.

Rev. W. J. Tull, D. D., Clinton.

1900.

Prof. Jacob A. Zeller, L. H. D., Jacksonville.

\*Deceased.











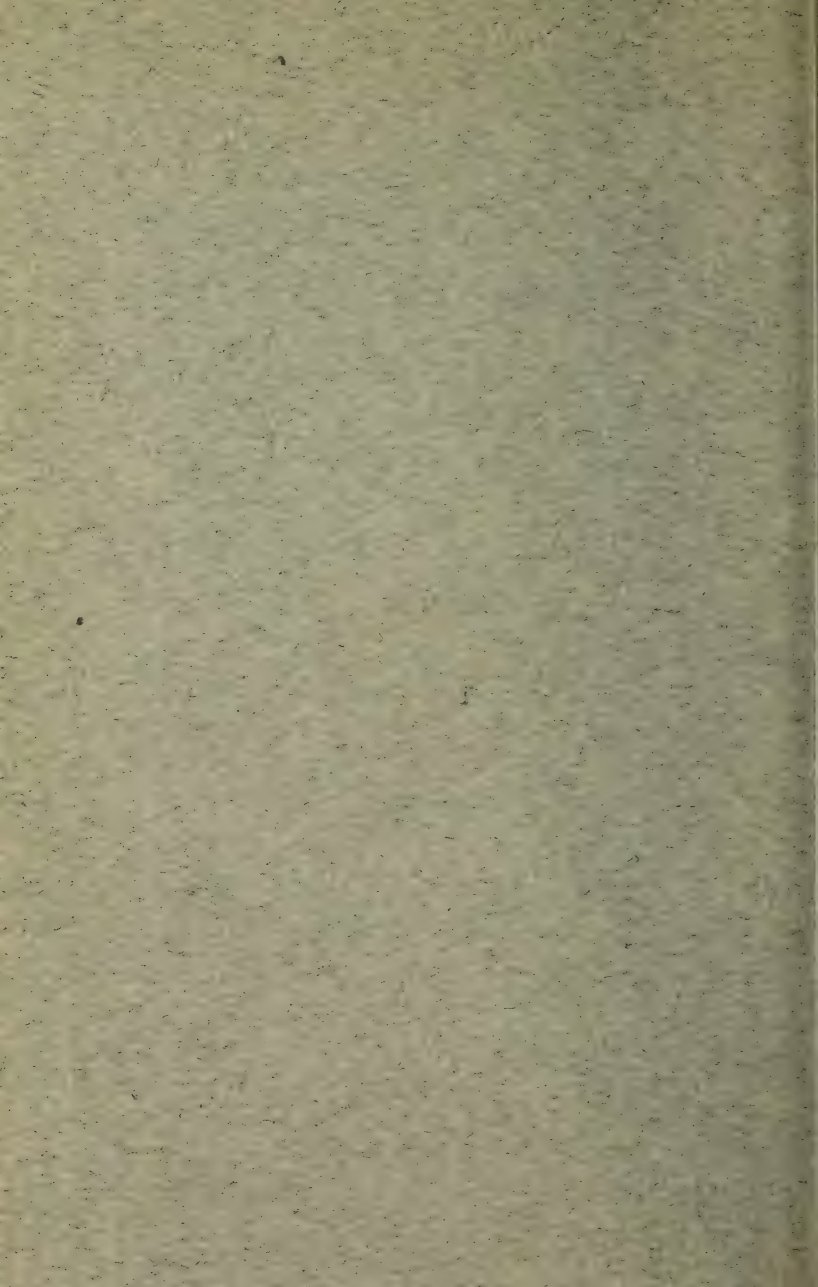


*Catalogue of....*  
*Blackburn College*



*Carlinville, Illinois*  
*....1903....*





# BLACKBURN COLLEGE ... AND ACADEMY ...

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THIRTY-EIGHTH ANNUAL CATALOGUE  
1902    CARLINVILLE, ILLINOIS    1903

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Milton McClure . . . . .	Beardstown
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Rev. W. B. Minton . . . . .	Greenville
F. W. Burton . . . . .	Carlinville
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Rev. C. M. Brown, D. D. . . . .	Jacksonville
Chas. G. Brown . . . . .	Divernon
Thomas L. Fansler . . . . .	Evanston
Rev. Henry K. Denlinger, D. D. .	Bloomington

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C. M. Brown.	
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Biology.

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Latin and Greek.

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English and History.

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French and German.

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Art.

MRS. ROBERT O. PURVIANCE,  
Piano.

MRS. J. MASON BARCUS,  
Vocal Music.

JOHN P. MATTHEWS, M. D.,  
Physical Director of Gymnasium.

JACOB A. ZELLER, L. H. D.,  
Lecturer on Philosophy,  
Field Agent.

# Calendar

1903.

## FIRST TERM.

September 9, Wednesday . . . . .  
Chapel, 9 a. m.  
Enrollment, 9:30 a. m.—12 m.  
Examinations, 1:00—4:00 p. m.

September 10, Thursday . . . Recitations Begin

November 26–27, Thursday, Friday . . . .  
Thanksgiving Recess

December 21–23, Monday—Wednesday . .  
Term Examinations

December 23, Wednesday . . . . . Term Ends



1904.

## SECOND TERM.

January 4, Monday . . . . . Second Term Begins

January 28, Thursday . . . . .  
Day of Prayer for Colleges

March 24–27, Wednesday—Saturday . . . .  
Term Examinations

March 27, Saturday . . . . . Term Ends



## THIRD TERM.

March 29, Monday . . . . . Third Term Begins

June 2–5, Wednesday—Saturday . . . . .  
Term Examinations

June 6, Sunday, 10:30 a. m. . . . .  
Baccalaureate Sermon

June 6, Sunday, 8 p. m. . . . .  
Commencement Sermon

June 7, Monday, 8 p. m. . . . Junior Exhibition

June 8, Tuesday, 10 a. m., Annual Meeting  
of the Board of Trustees

June 8, Tuesday, 8 p. m. . . . .  
Address to the Literary Societies

June 9, Wednesday, 10:30 a. m. Commencement

June 9, Wednesday, 8 p. m. . . Senior Reception



# \* Blackburn College. \*

## HISTORY.

In 1835, Rev. Gideon Blackburn, D. D., a Presbyterian minister, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of the earlier colleges in New England and the east, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry, by giving them such instructions in the Holy Scriptures as may enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Quantities of government land being then thrown upon the market in this region, he proposed to friends of the cause to give his personal services in entering land for them on the following terms: Two dollars were to be paid him for each acre entered; he paid one dollar and a quarter an acre for the land, reserved twenty-five cents for his own services, and invested the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds to enter a fraction over 16,656 acres for the College. These lands were situated in several counties, but chiefly in Macoupin and Montgomery.

For the purpose of securing the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College Buildings.

These lands were all entered in his own name, and in May, 1837, Dr. Blackburn deeded them to certain trustees for the purpose of founding and maintaining the institution.

In 1857, the trustees, in accordance with the instructions of the deed, obtained a charter from the legislature. *This charter exempts all the property of the institution from taxation forever.* In 1858-9, a building was erected on the present site. A preparatory school was opened in 1859.

In 1864-'65, a full collegiate course of study, classical and scientific, was adopted; young ladies were admitted to all the classes under the same conditions and with the same privileges as young men. In 1867-'68, the building was enlarged and improved. In 1868, the legislature, by request of the trustees, changed the name of the institution to Blackburn University. In 1880, the building called "Robertson Hall," in honor of W. A. Robertson, M. D., who contributed most of the funds for its erection, was completed. Soon afterward the Taylor Museum, one of the finest and most extensive collections of geological fossils and specimens in the West, the munificent gift of Julius S. Taylor, M. D., Ph. D., of Kankakee, Ill., was installed.

The College has commodious buildings, adequate to all its present needs, and an able and efficient corps of instructors, but increased endowments are necessary to enable the Presbyterian Church to accomplish through this instrumentality the great work planned by its founder.

### **Location.**

The College is situated at Carlinville, the county seat of Macoupin County, Illinois, thirty-five miles from Springfield, sixty miles from St. Louis. The Chicago & Alton and the Quincy, Carrollton & St. Louis Railroads afford access from every direction.

### **Grounds and Campus.**

The campus contains ten acres, well shaded by large maples. Elevated ground and beautiful trees make a very pleasing site. Athletic grounds, containing several acres, are included in the campus. In these are foot ball and base ball grounds and tennis courts.

## **University Hall.**

University Hall, completed in 1868, is a three-story brick structure, containing, on the first floor, the President's office, the Library, the Oioparthenian Hall, and recitation rooms; on the second floor, recitation rooms, the Chapel, and the Art Studio; on the third floor, students' rooms. The basement contains the dining-room, the bath room and the gymnasium. The building is heated by steam.

## **Robertson Hall.**

Robertson Hall was built especially for a science hall. On the first floor are the Chemical, Physical, and Biological Laboratories; on the second, the Taylor Museum and the Geological recitation room; on the third, the halls of the Philomathean and the Orthopatetic Literary Societies.

## **Minton Observatory.**

The late Robert B. Minton, for twenty-seven years connected with the College as Professor of Mathematics, donated the Observatory Building, in which is mounted equatorially a five-inch telescope, the gift of the maker, W. A. Loomis.

## **Library.**

The Library, on the first floor of the main building, embraces works of fiction, history, science, linguistics, archeology, and theology. It contains some books, valuable specimens of the bookmaker's art, more than three hundred years old.

Large additions have recently been made to the Library.

The income of a fund of five hundred dollars, the gift of Dr. Richard Edwards, is expended in the purchase of reference books for the "Richard Edwards' Memorial Reference Library."

The following publications are regularly received: The Century Magazine, Harper, Scribner, McClure, The Review of Reviews, Popular Astronomy, Journal of Geology, American Antiquities, Men, The Assembly Herald, The Bookman, The Biblical World, Success, American Boy, Saturday Evening

Post, The Literary Digest, The Interior, The Christian Work and Evangelist, The Herald and Presbyter, Chicago and St. Louis daily papers, local publications, College papers, government journals and reports.

### **Taylor Museum.**

The Taylor Museum, named in honor of the donor, Julius S. Taylor, M. D., Ph. D., Kankakee, Ill., was founded June 9, 1881. The original gift, representing the work of fifty years actively spent in collecting and classifying specimens, contains about twenty-five thousand fossils, eight thousand minerals, a large and valuable case of Indian relics, and a variety of miscellaneous specimens. A choice collection of modern shells and corals was presented to the museum in 1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally to this cabinet; other donations have been made, notably the Illsley and Buffington collections.

### **Chemical Laboratory.**

The chemical laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The fee of two dollars a term covers only the cost of materials. Breakage of apparatus is charged to the student.

### **Physical Laboratory.**

The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

A Wimshurt's electrical machine, with Rontgen ray appliances, has recently been installed.

### **Gymnasium.**

Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. Classes for young men are held three

times a week, and for young women, under a lady instructor, twice a week. A full complement of gymnasium apparatus is provided ; parallel bars, horizontal bar, traveling rings, flying rings, climbing rope, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards, and tumbling mats.

### **Dormitory for Young Men.**

The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated, and are heated by steam. Furniture must be provided by the occupant, though a limited amount can be rented or purchased from the college. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students rooming in the building have control of the college boarding club, at which board is furnished at cost, averaging from two to three dollars a week.

### **Homes for Young Women.**

Young ladies on arrival are referred to private boarding places, approved by the Faculty. Close supervision is exercised over each pupil. The cost of room and board is from three to four dollars a week.



# \* General Information. \*

## **Sessions and Examinations.**

The school year is divided into three terms, and students are expected and requested to be present on the opening day of each session. Examinations of all classes are held at the close of each term. The examination grade counts one-fourth.

## **Reports to Parents and Guardians.**

A report of attendance, recitations, and exercises of each student is made at the close of each term to the parents or guardian. Recitations and other exercises are graded from 0 to 100. Advancement in the course depends entirely upon proficiency. No student falling below 75 in any study is allowed to enter the next higher class, until a satisfactory examination is passed; and those who, from carelessness, inattention, or indolence, fall below 65 in all their studies, are not permitted to remain in the institution.

## **Prizes.**

A gold medal is annually awarded to the student making the highest average grade. All college students are eligible except winners of the medal in preceding years.

A Faculty prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 1. Each essay must be typewritten, free from error in grammar, spelling and diction, from 1,200 to 2,000 words in length. All students may contest.

## **Prize Winners.**

1899, Scholarship, Florence Conley, '01.

1900, Scholarship, Harris B. Parks, '00.

1900, Essay, Harris B. Parks, '00.

1901, Scholarship, Clarissa Rinaker, '02.

1902, Scholarship, Victor H. Hemphill, '02.

1902, Essay, Marie Boysen, '04.



## **Beneficiary Aid.**

Worthy students may receive aid from some one of the following sources:

### **The Board of Education.**

The Board of Education of the Presbyterian Church assists young men studying for the Presbyterian Ministry, to the amount of about \$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry, and must be members of one of the four college classes.

### **Parks Scholarship.**

This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

### **Corbit Scholarship.**

The recipient of this scholarship, founded by the late Joseph Corbit, of New York City, is chosen from year to year by the Faculty, and is entitled to his tuition for the year.

### **The Fitch Fund.**

This fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students for the ministry from Bond County.

### **High School Scholarship.**

To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to the graduate of any high school in Illinois, the course of study in which is equivalent to that required in the Academic Department. The conditions are that it shall be given to the graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

### **Student Janitors.**

It is customary to employ four or five students as janitors. They are paid at the rate of \$5.00 a month each, this being sufficient to pay about half their board in the college boarding club. These students are chosen by the Faculty, with special reference to their need and worth. One student is also appointed bell-ringer, and is given the use of room 41.

### **Employment by Citizens.**

A limited number of young men and women find homes with private families in the town, where they pay board by work. Business houses, especially printing establishments, afford occasional opportunities for employment.

### **Harvard Scholarship.**

A Harvard University scholarship of the annual value of three hundred dollars, established by the Harvard Club of Chicago, is open to the graduates of the college in competition with the graduates of the other universities and colleges of the state. Application must be made before May 1st, of each year. Senior students about to finish their undergraduate courses are eligible as candidates.

## **Student Organizations.**

### **Young Men's Christian Association.**

The Young Men's Christian Association meetings are held each Thursday evening.

### **Literary Societies.**

Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory, and parliamentary law is afforded.

1. The Oioparthenian Society is open to all young women in the institution. Their hall has been re-decorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The Orthopatetic Society for young men has a good hall in the Science Building. In connection is a reading room stocked with books and magazines.

3. The Philomathean Society for young men occupies a neatly furnished and well lighted hall in the Science Building.

### **Blackburn Oratorical Association.**

The Oratorical Association is a member of the Illinois Inter-Collegiate Oratorical Association and is represented in the state contest held each October.

### **The Blackburnian.**

The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

### **Blackburn Athletic Association.**

The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the college.



# Admission.

## Admission to the College.

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismissal.

Candidates for advanced standing are examined in the studies which have been pursued by the class they wish to enter; also in the requirements for admission to the College, if such standing has not been regularly attained in another institution of equal rank.

Students from academies and high schools, whose courses of study have been approved by the Faculty, will be admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received will be considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

School boards or principals, who wish to have students admitted on diploma or certificate, are requested to correspond with the Dean.

Students who have done work in high schools or academies in subjects not required for admission to their courses may be allowed to substitute such work for equivalents required for entrance. Such work will not, however, be credited, as a rule, on college standing.

Students who desire to pursue selected studies may do so, if properly prepared to enter regular classes. All such students must take the examinations with the classes of which they are members.

No one will be admitted to the Freshman class until he has completed his fourteenth year, nor to advanced standing without corresponding increase of age.

The requirements for admission to the Freshman class are :

1. English—English Grammar, Elementary and advanced Rhetoric, Composition, Literature. In Literature the requirements are those adopted by the Association of American Colleges.

A. For reading and practice :

1903—George Eliot, *Silas Marner* ; Pope, *Iliad*, Books I., VI., XXII., XXIV. ; Addison, *Sir Roger de Coverley Papers in the Spectator* ; Goldsmith, *Vicar of Wakefield* ; Scott, *Ivanhoe* ; Shakespeare, *Merchant of Venice* ; Cooper, *The Last of the Mohicans* ; Tennyson, *The Princess* ; Coleridge, *The Rime of the Ancient Mariner* ; Lowell, *Vision of Sir Launfal*.

B. For class study and analysis :

1903—Shakespeare, *Macbeth* ; Milton, *Lycidas*, *L'Allegro*, *Il Penseroso*, *Comus* ; Burke, *Speech on Conciliation with America* ; Macaulay, *Essays on Milton and Addison*.

For 1904-5, the requirements are the same as for 1903, with following additions for reading and practice : Carlyle, *Essay on Burns* ; Shakespeare, *Julius Caesar*.

Equivalents in standard literature will be accepted from those who have not had opportunity to read these works.

2. Latin—A thorough knowledge of Bennett's, Harkness' or Allen and Greenough's Grammar ; three books of Caesar ; seven orations of Cicero ; six books of Vergil ; thirty pages of Ovid or its equivalent, one additional oration of Cicero ; Bennett's or Jones's Prose Composition.

3. Greek—Goodwin's Grammar ; Pearson's Prose Composition ; three books of the *Anabasis*, or the same amount of the *Memorabilia* ; six books of the *Iliad*.

4. Mathematics—Arithmetic; Academic Algebra; Plane Geometry.

5. History—A thorough knowledge of United States History and General History.

6. Science—A fair knowledge of the elements of Physics and Chemistry, and from philosophical and scientific students, of Zoology, Physiology and Botany.

Candidates for admission to the Freshman class of the philosophical or scientific courses must present, instead of Greek, a fair knowledge of German Grammar, and the ability to read easy German prose at sight.

Students not prepared to enter the college will be reclassified in the proper year of the academic course.







# Expenses.



Expenses are estimated as follows :

	Fall Term.	Winter Term.	Spring Term.
1. Tuition and library fee.....	\$ 14.50	\$ 12.50	\$ 9.50
2. Room rent from.....	4.50— 8.00	4.50— 7.50	3.00— 6.00
3. Board in college club from.....	30.00—35.00	25.00—27.50	22.00—27.00
4. Laboratory fee.....	2.00	2.00	2.00
Total for each term.....	\$51.00—59.50	\$44.00—49.50	\$36.50—44.50
Total for year from \$131.50 to \$153.50.			

The Laboratory fee is collected only from those taking Chemistry.

In the case of young men boarding in town, and of young women, items 2 and 3 combined will be \$105.00 to \$140.00 for the year, or \$147.50 to \$182.50 for all necessary expenses.

The same rates are charged in the College and in the Academy.

Extra tuition is charged for the courses in Art, in Music, and in the Commercial Department. In Art and Music, both instrumental and vocal, the rate is fifty cents a lesson of forty-five minutes. In commercial branches about fifteen dollars a term, varying somewhat with number of lessons and time taken.

The above estimates do not include incidentals, which depend on individual taste.

## Dormitory Room List.

No.	F.	W.	S.	No.	F.	W.	S.
8	\$8 00	\$7 50 <sup>3</sup>	\$6 50	25	\$6 00	\$5 50	\$4 50
9	7 50	7 00	6 00	26	5 50	5 00	4 00
10	8 00	7 50	6 50	27	6 00	5 50	4 50
11	7 50	7 00	6 00	28	5 50	5 00	4 00
12	8 00	7 50	6 50	29	6 00	5 50	4 50
13	7 50	7 00	6 00	30	8 00	7 50	6 50
14	7 50	7 00	6 00	31	5 00	4 50	4 00
15	8 00	7 50	6 50	32	7 50	7 00	6 00
16	7 50	7 00	6 00	33	6 50	6 00	5 00
17	8 00	7 50	6 50	34	7 50	7 00	6 00
18	7 50	7 00	6 00	35	7 50	7 00	6 00
19	8 00	7 50	6 50	36	6 50	6 00	5 00
20	7 50	7 00	6 00	37	7 50	7 00	6 00
21	7 50	7 00	6 00	38	6 50	6 00	5 00
22	5 50	5 00	4 00	39	6 50	6 00	5 00
23	5 50	5 00	4 00	40	5 00	4 50	4 00
24	6 00	5 50	4 50	41	Bell-ringer's room.		

F. stands for Fall Term ; W. for Winter ; S. for Spring.  
When two students occupy the same room the above rates are divided between them.



# The College.



## Departments of Instruction.

### I. Philosophy.

(1.) Logic, Deductive and Inductive. (2.) Psychology, Physiological and General. (3.) Ethics, Philosophical and Biblical. (4.) History of Philosophy. (5.) Aesthetics. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Logic presents thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention.

Fall term, Junior year—three hours a week.

2. Psychology is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention.

Fall and Winter terms, Senior year—three hours a week.

3. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories.

Fall term, Senior year—three hours a week.

4. The work in History of Philosophy is criticism of theories. Special attention is given to the modern development of Philosophy.

Winter and Spring terms, Senior year—three hours a week.

5. An elective in Aesthetics is offered, in which the theory of beauty is discussed.

Spring term, Senior year—three hours a week.

### II. Natural Theology and Church History.

(1.) Natural Theology. (2.) Comparative Religion. (3.) Bible History. (4.) Church History. (5.) New Testament Greek.

1. Natural Theology presents the rational basis of theism.

Winter term, Junior year—three hours a week.

2. Comparative Religion establishes the superiority of Christianity over other forms of religious belief.

Spring term, Junior year—three hours a week.

3. The course in Bible History traces the historical origin and preservation of the Scriptures, the formation of the canon, the development of the history and doctrine, and outlines the contents and purposes of the separate books of the Bible.

Fall term, Senior year—three hours a week. Elective.

4. The work in Church History covers the several periods of the development of the church, and the relations of Christianity to the progress of civilization.

Winter term, Senior year—three hours a week. Elective.

5. An elective in New Testament Greek is offered, in which selections from the Gospels and Epistles are read, and the peculiarities of Hellenistic Greek are pointed out.

### **III. Political Science.**

(1.) Political Economy. (2.) International Law. (3.) Constitutional Law. (4.) Sociology. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Political Economy presents economic history, economic theory, and practical economic problems. Special attention is given to money, banking, wages, and taxation.

Fall term, Junior year—three hours a week.

2. In International Law the grounds and leading principles of the relations of the states are set forth.

Winter term, Junior year—three hours a week.

3. In Constitutional Law particular study is given to the Constitution and Government of the United States. Ancient and modern European systems of government are compared with the American.

Spring term, Junior year—three hours a week.

4. A course in Sociology is offered, in which the phenomena of society and present social problems are discussed.

Spring term, Senior year—three hours a week.

#### **IV. Latin.**

(1.) Livy, Horace, Cicero, Latin Literature. (2.) History.

1.
  - a. Livy, Book I. (at sight) and Book XXI.
  - b. Horace, Odes and Epodes.
  - c. Cicero, Brutus.
  - d. Latin Literature with a special study of the character, life and times of Cicero.

Throughout the Freshman year—four hours a week.

2. The reading of the Sophomore year includes mainly prose-authors of the Post-Augustan Age. The following are taken up:

Letter writing: Cicero, Seneca, Pliny the Younger.

Philosophy: Seneca.

Oratory: Quintilian and Tacitus.

History: Paterculus, Tacitus, Suetonius, Ammianus Marcellinus.

Satire: Petronius' *Cena Trimalchionis*.

A course in Latin Paleography and lectures on the private life of the Romans and Roman antiquities accompany the reading.

Throughout the Year—Required of Classical and Philosophical Sophomores, 4 hours.

Elective for Juniors and Seniors, 2 hours.

#### **V. Greek.**

(1.) Homer, Herodotus, Demosthenes. (2.) Philosophy. (3.) Drama. (4.) Poetry. (5.) Plato. (6.) Plutarch.

1.
  - a. Homer's *Odyssey*: Four books.
  - b. Herodotus: Selections from Books VI. and VII.
  - c. Demosthenes: *Philippics* and *Olynthiacs*.

The work also includes a review of Greek History (20 weeks) and lectures on Greek Literature (15 weeks).

Throughout the year, Freshman year—four hours a week.

2. Plato's *Apology*, *Crito* and *Phaedo* are read in the Greek. Extensive readings in English are pursued, dealing with the life and character of Socrates.

Fall term, Sophomore year—four hours a week.



3. The reading comprises: Aeschylus' Agamemnon; Sophocles' Oedipus Tyrannus; Euripides' Alcestis; Aristophanes' Birds. Lectures on the rise and development of the Greek Drama and on the private life of the Greeks accompany the reading.

Winter and Spring terms, Sophomore year—four hours a week.

4. Greek Poetry—Pindar and Theocritus, with selections from other authors.

Fall term, Junior or Senior year—two hours a week.

5. Plato: Study of the "Republic." Three books are read in Greek, the other books in translation. Lectures and discussions on the development of the Greek state and constitution.

Winter term, Junior or Senior year—two hours a week.

6. Plutarch. The life of Themistocles is read, with a thorough study of the sources of Plutarch. Other lives are read in translation.

Spring term, Junior or Senior year—two hours a week.

## **VI. German.**

(1.) Schiller. (2.) Goethe, Lessing. (3.) German Authors.

1. Study of Schiller. Wilhelm Tell, Jungfrau von Orleans, Maria Stuart, Gustav Adolf in Deutschland. Prose readings from other authors.

Freshman year—four hours a week.

2. Study of Goethe and Lessing. Iphigenie auf Tauris, Hermann und Dorothea, Minna von Barnhelm, Nathan der Weise, Heine's Prose, or prose selections from other authors.

Sophomore year—four hours a week.

3. Aus der Deutschen Litteratur, Goethe's Faust, Part I, Schiller's Wallenstein. Scientific German.

Elective in Junior or Senior years—four hours a week.

All courses subject to slight change.

## **VII. French.**

The course in French covers three years, which is sufficient to give the student a good reading knowledge of the language and a fair appreciation of its literature. The work in this department is entirely elective.



(1.) Grammar, composition. (2 and 3.) Literature.

1. Grammar, with written exercises, reading and conversation. Bruno's *Le Tour de la France*; Moliere's *L'Avare*.

Sophomore or Junior year, throughout the year—three hours a week.

2. *a.* Easy French plays or stories.

*b.* Musset's *Pierre et Camille*; Sand's *La Mare au Diable*.

*c.* Moliere: two plays; Dumas: one play. French Literature begun.

Junior or Senior year—three hours a week.

3. *a.* Racine and Corneille. Victor Hugo.

*b.* French Prose of XVII century.

*c.* Voltaire's Prose. French Lyrics.

French Literature throughout the year.

Junior or Senior year—two hours a week.

### **VIII. English.**

(1.) Advanced Analysis and Composition. (2.) Elocution. (3.) English Literature. (4.) American Literature. (5.) English Literature (advanced course).

1. Advanced Analysis and Composition.

Freshman year—two hours a week.

2. Elocution. Thorough instruction and drill in declamation and oratory.

Sophomore year—two hours a week. Elective.

3. English Literature.

Fall and Winter terms, Sophomore year—three hours a week.

4. American Literature.

Spring term, Sophomore year—three hours a week.

5. English Literature, Advanced Course. (Open only to those who have taken course 3.)

Junior or Senior year—two hours a week. Elective.

### **IX. History.**

(1.) English History. (2.) European History. (3) Bible and Church History. (4.) History of Civilization. (5) Constitutional History and Elementary Law.

1. English History.

Freshman Year—two hours a week.

2. European History.

Sophomore year—three hours a week. Elective.

3. Bible and Church History.

Fall and Winter terms, Senior year—three hours a week. Elective.

4. History of Civilization.

Spring term, Senior year—three hours a week. Elective.

5. Constitutional History and Elementary Law.

Senior year—three hours a week. Elective.

(Text-books, discussions, abstracts, essays on assigned topics in all classes.)

Throughout the course the standpoint is that of world history. Only those facts are made prominent which have a traceable relation to general progress. The importance of individuals, nations, movements, and institutions, is measured by their contribution to civilization. Political and constitutional changes receive much attention.

## **X. Mathematics.**

### **1. Algebra.**

Advanced Algebra. Solid Geometry. Trigonometry and Surveying.

Freshman year—seven hours a week.

### **2. Geometry.**

Analytical Geometry (fourteen weeks). Differential and Integral Calculus, (twenty-two weeks).

Sophomore year—four hours a week.

### **3. Courses in Theory of Functions.**

Elementary Mechanics, or advanced courses in Differential and Integral Calculus. Elective for Juniors or Seniors—four hours a week.

### **4. Astronomy.**

Descriptive, mathematical, and historical. Lectures, constellation study, and observational work with five-inch telescope.

Senior year—First half year, two hours a week; last half, three hours a week.

This departement is provided with an excellent transit and other necessary accessories for field work in surveying, and also with astronomical globes, maps and magazines for astronomical work.

## **XI. Science.**

### **A. Physics.**

#### **(1.) Advanced Physics.**

1. Kinematics. Molar, Molecular, and Ether Dynamics.

Fall and Winter terms, Junior year—text and laboratory, five hours a week.

### **B. Chemistry.**

(1.) Inorganic Chemistry. (2.) Organic Chemistry. (3.) Qualitative and Quantitative Analysis.

I. Fundamental laws and principles of the science; analysis, synthesis, and metathesis; chemical equations and problems; laboratory work with notes.

Spring term, Junior year—five hours a week.

2. Independent and accurate observation is required. Large practice is given in the qualitative and quantitative determination of unknown substances.

Fall and Winter terms, Senior year—two consecutive hours three days a week. Elective except for Scientific Students.

4. Functions of the plant, including nitrogenous and mineral constituents; membranous diffusion; assimilation, condition of vegetation; soil: formation, composition, alteration, relation to light, heat and moisture; fertilizers: composition, application and value; relation of geology, physics and chemistry to agriculture.

Spring term, Senior year—three hours a week. Elective except for Scientific Students.

Chemistry is taught by laboratory practice, supplemented by suitable text books. Such instruction is given as will prepare the student for professional courses in chemical philosophy and chemical technology.

### **C. Geology.**

Dynamical, structural, stratigraphical, and historical geology. The rare collections of the museum, a full set of models of crystals, a set of European minerals, geological maps and charts, make the equipment of this department unusually complete. The students visit the mines and other localities where typical minerals and fossils are found.

Senior year—First half year, three hours a week; last half, two hours a week.

#### **D. Biology.**

(1.) Invertebrate Zoology, (2.) Morphology and classification of plants. (3.) Spring plants. (4.) Fall plants. (5.) General Zoology. (6.) Anatomical Technology.

1. Invertebrate Zoology, laboratory work.

Fall term, Freshman year—four hours a week.

2. Morphology and classification of plants.

Winter term, Freshman year—four hours a week.

3. Classification and ecology of dominant groups of spring plants.

Spring term, Freshman year—four hours a week.

4. Classification and ecology of dominant groups of fall plants.

Fall term, Sophomore year—four hours a week. Elective except for Scientific Students.

5. General Zoology.

Winter and Spring terms, Sophomore year—four hours a week. Elective except for Scientific Students.

6. Anatomical Technology, Human Osteology, and the Anatomy of the Cat.

Fall and Winter terms, Junior year—four hours a week. Elective.

#### **XII. Physical Culture.**

In the gymnasium and through the Athletic Association, ample provision is made for the physical well-being of the students. It is, however, the policy of the school to make physical culture merely supplementary. The object is to furnish healthful recreation without detracting from class work. Tours are forbidden and the number of match games reduced to the minimum.

#### **XIII. Special Courses.**

Instruction in the following courses is offered. Particular information may be obtained by addressing the Dean or the instructor in charge.

## **Art.**

The studio, a large, well-lighted room, is supplied with materials for work—easels, studies, and still-life.

**COURSE IN ART.**—First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water color painting (monochrome) from still life. Perspective.

**SECOND YEAR.** Drawing from casts, drapery, and groups of objects, in charcoal and crayon. Pen and ink drawing. Painting from still life, in oil and water color. Perspective. Artistic anatomy.

**THIRD YEAR.** More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color, and pastel. Art history.

**FOURTH YEAR.** Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

## **Music.**

### **Piano Course.**

#### **FIRST GRADE.**

- |               |   |  |
|---------------|---|--|
| Studies.....  | { | Standard Grade Course—W. S. B. Matthews.<br>Wieck.<br>Scales.  |
| Compositions. | { | Exercises in writing notes and transposition.<br>Kleinmichel: Clavier Speilen, (4 hands), 1st book.<br>Gurlitt: op. 18 (4 hands); Low, Deunee, Sartorio,<br>(4 hands). |

#### **SECOND GRADE.**

- |               |   |   |
|---------------|---|---|
| Studies.....  | { | Duvernoy: op. 120—3 books.<br>Scales and Arpeggios.<br>Czerny.<br>Schmoll: Execution, Phrasing, Expression. |
| Compositions. | { | Clementi, Kühlan, Lange and Burgmüller.<br>Concone, Sartorio, Heins, Lichner, Dennee.                       |

#### **THIRD GRADE.**

- |              |   |   |
|--------------|---|---|
| Studies..... | { | Bach: Twelve Little Preludes.<br>Heller: Opus 47, 46, 45.<br>Loeschorn: op. 66, 3 books.<br>Minor Scales. |
|--------------|---|---|



- Compositions. { Selections from Schubert, Weber, Mozart, Beethoven,  
(4 hands).  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.

#### FOURTH GRADE.

- Studies. . . . . { Bach: Two Part Inventions.  
Czerny: op. 740.  
Heller: "Art of Phrasing", op. 6.  
Jensen: Characteristic Studies, op. 32.
- Compositions. { Schubert: Marche, (4 hands).  
Grieg, Henselt, Chopin, Chaminade.  
Schubert, Rubenstein, Leschetizky.  
Moskowski, Handel.

#### FIFTH GRADE.

- Studies. . . . . { Bach: French Suites.  
Bach: Suites Anglaises.  
Clementi: Gradus ad Parnassum.  
Kullak: Octave Studies.  
Moschelle: op. 70.
- Compositions. { Beethoven, Schubert, Schuman.  
MacDowell, Chopin.  
Moskowski, Meyer-Helmund.  
William Mason.

#### SIXTH GRADE.

- Studies. . . . . { Chopin: op. 0....op. 25.  
Bach, Vogrich.
- Compositions. { Brahms, Heller, Wagner.  
Liszt, Chopin, Schuman.

### Vocal Course.

#### First Grade.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger and Concone.

#### Second Grade.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.



### **Third Grade.**

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies of Sieber, Marchesi, Lamperti. More difficult songs. Church music.

### **Fourth Grade.**

More advanced studies for equalizing the voice in all registers, broadening in technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

### **Commercial Branches.**

Instruction is given in Bookkeeping, Business Practice, Shorthand, Typewriting and Business Law.



# Schedule of College Courses.

## Freshman Year.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Latin I.....(4)	Latin I.....(4)	Biology XI-D-I, 2, 3..(4)
Greek, I.....(4)	German, I.....(4)	German, I.....(4)
All Courses.....	{	Mathematics, I.....(7)
		Advanced Analysis and Composition, VIII-I.....(2)
		English History, I.....(2)
Total hours required, 19.		

## Sophomore Year.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.		
Latin, 2.....(4)	Latin, 2.....(4)	Mathetics, 2.....(4)		
Greeh, 2, 3.....(4)	German, 2.....(4)	German, 2.....(4)		
All Courses.....	{ English Literature, 3, 4.....(3)	{ XI-D-I, 2, 3.....(4)		
			{ XI-D-4, 5, (Scientific).....(4)	
Elective .....	{ European History, 2.....(3)	{ Mathematics, 2.....(4)		
			{ French, I.....(3)	
				{ Elocution.....(2)
Prescribed hours, 15.				
Elective       "       3.				
Total hours required, 18.				

## Junior Year.

All Courses.....	{	Political Science, I, 2, 3.....	(3)
		Logic—Nat. Theo.—Comp. Rel. I, I; II, I, 2.....	(3)
		Physics—Chemistry XI-A-I; B-I.....	(5)
Elective .....	{	Latin, 2.....	(2)
		Greek, 2, 3.....	(2)
		French, I or 2 .....	(3)
		German, I, 2 or 3.....	(4)
		English Literature, 5.....	(2)
		Mathematics, 2 or 3.....	(4)
		Biology .. { XI-D-4, 5.....	(4)
		XI-D-6.....	(4)
Prescribed hours, 11.			
Elective       "       6.			
Total hours required, 17.			

## Senior Year.

All Courses.....	{	Psychology, I, 2.....	(3)
		Ethics—Hist. of Phil. I, 3, 4.....	(3)
		Geology XI-C.. {	
		Astronomy X-4 { .....	(5)
Elective .....	{	*Chemistry, XI-B-2.....	(3)
		English Literature, 5 ..	(2)
		Latin or Greek.....	(2)
		French, 2 or 3.....	(3 or 2)
		German, 2 or 3.....	(4)
		Church Hist.—Hist. of Civ. IX, 3, 4.....	(3)
		Const. Hist. and El. Law, IX-5.....	(3)

\*Chemistry is required of Scientific Students.

Prescribed hours, 11 or 14.

Elective " 5 or 2.

Total hours required, 16.

The number immediately following the name of a subject refers to the department and the course. The number in parenthesis indicates the number of recitations each week.

No purely elective course is organized for less than four students.

No advanced elective course may be chosen except by those who have taken the work preparatory thereto.

Bible work in all courses, one hour a week.





## The Academy.



THE Academy offers three distinct courses, each the foundation for one of the College courses. The scientific and philosophical courses are admirably adapted to the needs of those intending to teach.

Students are permitted to enter any class for which they are prepared and they are classified in the catalogue according to their attainments.

Instruction in the Academy is given by the regular College professors. The students have all the privileges of the College.

All subjects in each course are required of those who enter on that course. Substitution of equivalent subjects is permitted.

All studies run throughout the academic year. No credit toward promotion or entering on college work is given for part of a year's work.

# Academy Course of Study by Departments.

## I. Latin.

(A-1.) Beginning Latin. (B-1.) Cæsar. (B-2.) Cicero.  
(C-1.) Ovid. (C-2.) Vergil.

A-1. Beginning Latin: Principles, form, syntax, vocabulary; accuracy and speed in translation. Also a course in easy Latin prose composition and easy Latin reading.

Junior year—five hours a week.

B-1. Extracts from Cæsar, equivalent to three books, Latin prose composition.

Fall term, Middle year—five hours a week.

B-2. Seven orations of Cicero, including "The Manilian Law" and "For Archias." Latin prose writing.

Winter and Spring terms, Middle year—five hours a week.

C-1. Selections from Ovid; Study of Prosody and Meters of Ovid. Drill in scanning and reading poetry.

Fall term, Senior year—five hours a week.

C-2. Bucolics and Aeneid (Bks. I-VI.) of Vergil. Review of Roman History.

Winter and Spring terms, Senior year—five hours a week.

## II. Greek.

(A.) Beginning Greek. (B.) Second year Greek.

A. Beginning Greek: Forms, vocabulary, oral and written translations. Easy prose composition and reading.

Middle year—five hours a week.

B. Selections from Xenophon; Lucian's Timon; Oration of Lysias. Prose composition.

Senior year—five hours a week.

Greek is required only in the classical course, elective in the others.

## III. German.

(A-1.) German Grammar. (A-2.) German Composition. (A-3.) Storm's Immensee.

A-1. German Grammar, easy prose reading.

Fall term, Senior year—five hours a week.

A-2. Composition and Reading.

Winter term, Senior year—five hours a week.

A-3. Storm's Immensee and short stories from various authors.

Spring term, Senior year, five hours a week.

German is required in the Philosophical and Scientific courses, elective in the classical.

#### **IV. English.**

(A.) Grammar and Elementary Rhetoric. (B.) English Classics. (C.) Advanced Rhetoric.

A. English Grammar and Elementary Rhetoric.

Junior year—five hours a week.

B. English Classics required for College entrance.

Middle year—five hours a week.

C. Advanced Rhetoric. Text and Exercises.

Senior year—three hours a week.

#### **V. History.**

General History.

Junior year—five hours a week.

#### **VI. Mathematics.**

(A.) Higher Arithmetic. (B.) Beginning Algebra.

(C.) Plane Geometry.

A. Higher Arithmetic.

Junior year—five hours a week.

B. Beginning Algebra to Quadratics.

Middle year—five hours a week.

C. Plane Geometry.

Senior year—three hours a week.

D. Second Algebra. For students who have had Algebra but cannot make the College requirements. Senior year. Elective.

#### **VII. Science.**

##### **A. Physics.**

Elementary Physics. Laboratory Practice.

Fall and Winter terms, Senior year—five hours a week.



## **B. Chemistry.**

Elementary Chemistry. Laboratory Practice.

Winter and Spring terms, Senior year—five hours a week.

## **C. Biology.**

Elementary Biology. One term each of Zoology, Physiology and Botany.

Middle year—five hours a week.

NOTE.—For Physical Culture and Special Courses, all of which are open to Academy students on the same terms as to College students, see Departments XII. and XIII. of the College.



# Outline of Academy Course.

## Course of Study.

### Junior Year.

Fall.....	{ Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.	Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.	Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.
Winter.....	{ Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.	Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.	Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.
Spring.....	{ Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.	Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.	Beg. Latin. Arithmetic. Gen. History. Grammar and El. Rhetoric.

### Middle Year.

Fall.....	{ Latin—Cæsar. Beg. Greek. Beg. Algebra. English Classics.	Latin—Cæsar. El. Zoology. Beg. Algebra. English Classics.	Latin—Cæsar. El. Zoology. Beg. Algebra. English Classics.
Winter.....	{ Latin—Cicero. Beg. Greek. Beg. Algebra. English Classics.	Latin—Cicero. El. Physiology. Beg. Algebra. English Classics.	Latin—Cicero. El. Physiology. Beg. Algebra. English Classics.
Spring.....	{ Latin—Cicero. Beg. Greek. Beg. Algebra. English Classics.	Latin—Cicero. El. Botany. Beg. Algebra. English Classics.	Latin—Cicero. El. Botany. Beg. Algebra. English Classics.

### Senior Year.

Fall.....	{ Latin—Ovid. Greek—Xenophon. Plane Geometry. El. Physics. Advanced Rhetoric.	Latin—Ovid. Beg. German. Plane Geometry. El. Physics. Adv. Rhetoric.	Latin—Ovid. Beg. German. Plane Geometry. El. Physics. Adv. Rhetoric.
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Winter.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		Physics—Chem.	Physics—Chem.	Physics—Chem.
		Advanced Rhetoric.	Adv. Rhetoric.	Adv. Rhetoric.
Spring.....	{	Latin—Vergil.	Latin—Vergil.	Latin—Vergil.
		Greek—Homer.	Beg. German.	Beg. German.
		Plane Geometry.	Plane Geometry.	Plane Geometry.
		El. Chemistry.	El. Chemistry.	El. Chemistry.
		Advanced Rhetoric.	Adv. Rhetoric.	Adv. Rhetoric.

All subjects five hours a week except that in the Senior Year Geometry and Advanced Rhetoric are each three hours a week.

NOTE.—By reference to the Course of Study, outlines of the work done in each subject may be found.

Electives in the Academy (not counting as Credits on Courses), Physical Geography, Civil Government, Business Law, Algebra (second year course), Bookkeeping, Penmanship.

Bible work in all courses, one hour a week.



# Text Books.

(Subject to change. Students are advised not to purchase text books without consulting the instructors. The latest and best texts are sought and used.)

## PHILOSOPHY:

Logic, Creighton.  
 Psychology, James (Briefer Course),  
 Bowne.  
 Ethics, Thilly, Bowne, Janet.  
 History of Philosophy, Weber.

## THEISM AND CHURCH HISTORY:

Natural Theology, Valentine.  
 Comparative Religion, Kellogg.  
 Bible History, Blaikie.  
 Church History, Moncrief.

## POLITICAL SCIENCE:

Political Economy, Laughlin.  
 International Law, Wilson and  
 Tucker Davis.  
 Constitutional Law, W. Wilson.  
 Sociology, Carroll D. Wright.

## LATIN:

First Latin, Collar and Daniel.  
 Cæsar, Harkness and Forbes.  
 Cicero, D'Ooge.  
 Ovid, Miller.  
 Vergil, Miller.  
 Livy, Lord.  
 Horace, Bennett.  
 Tacitus (De Amicitia, etc.),  
 Bennett.  
 Correspondence of Cicero,  
 Kirtland.  
 Satires of Horace, Rolfe.  
 Prose Composition, Jones.  
 Latin Writing, Mather and Wheeler.  
 Latin Literature, Mackail.  
 Latin Literature of Empire, Gudeman.  
 Paleography, Thompson.  
 History of Rome, Meyer.

## GREEK:

First Greek, Forbes.  
 Greek Grammar, Goodwin.  
 Prose Composition, Pearson.  
 Selections Illustrating Greek Life  
 Keene.  
 Anabasis, Harper and Wallace.  
 Lucian's Timon, Sewell.  
 Orations of Lysias, Wait.  
 Homer's Iliad, Seymour.  
 Herodotus, Merriam.  
 Demosthenes, Sandy.  
 Sophocles, Earle.  
 Plato's Republic, Warren.  
 History of Greece, Meyer.

## GERMAN:

Beginning German, Lange's Method.  
 Classics, Selected Editions.

## FRENCH:

Grammar, Frazer and Squair.  
 Reader, Luper.  
 Practice of French, ———.  
 Classics, Selected Editions.

## ENGLISH:

Grammar, Lyte.  
 Elementary Rhetoric, Genung.  
 Composition, Scott and Denny,  
 etc.  
 Classics, Students', Riverside  
 and other editions.  
 Advanced Rhetoric, Genung.  
 Elocution, Emerson.  
 English Literature, Robertson,  
 Welch.  
 American Literature, Newcomer  
 Painter.

## HISTORY:

General, Meyer.  
English, Larned, Green.  
European, Thatcher and Schwill,  
Schwill.  
History of Civilization, Guizot.

## MATHEMATICS:

Arithmetic, Wentworth.  
Elements of Algebra, Taylor.  
Academic Algebra, Milne.  
College Algebra, Bowser or Appleton.  
Plane and Solid Geometry, Wentworth.  
Trigonometry, Wells or Phillips-Strong.  
Surveying, Robbins or Schuyler.  
Analytical Geometry, Ashton.  
Calculus (Elements), Hardy or Osborne.  
Calculus (Advanced), Byerly.  
Astronomy, Young's General.

## SCIENCE:

### PHYSICS—

Elements, Hoadley.  
Advanced, Carhart.  
Laboratory Manual, Chute.

### CHEMISTRY—

Elements, Freer.  
Experimental (Advanced),  
Newell.

## GEOLOGY—

Brigham.

## BIOLOGY:

### BOTANY—

Leavitt's Outlines.  
Gray's Manual.

### ZOOLOGY—

Elements, Needham.  
Principles, Claus and Sedgwick.  
Manual, Tenny.  
Manual for Study of Insects,  
Comstock.

## ANATOMY:

The Human Body, Martin (Brief-  
er Course).  
Osteology, Gray's Anatomy.  
Anatomy of the Cat, Reighard  
and Jennings.  
Anatomical Technology, Wilder  
and Gage.

## MISCELLANEOUS:

Physical Geography, Dryer.  
Civil Government, Willoughby or  
Andews.  
Business Law, Fitch or Hamilton.  
Elementary Law, Fishback.  
Bookkeeping, Powers.





# Degrees.



The College confers the following degrees: the degree of Bachelor of Arts upon graduates of the classical course; that of Bachelor of Philosophy upon graduates of the philosophical course; and that of Bachelor of Science upon graduates of the scientific course.

It is required for graduation that the student shall have completed the prescribed work in one of the courses, and shall have taken elective work sufficient to make a minimum of eighteen hours a week in the Sophomore year, seventeen in the Junior and sixteen in the Senior, which, with the nineteen required in the Freshman, constitute a minimum of seventy hours.

In addition to the Bachelor's degrees the degree of Master of Arts is conferred upon graduates of the classical and philosophical courses who shall have completed prescribed work in Philosophy, History, Latin or Greek, with examination and thesis.

The degree of Master of Science is conferred upon graduates of the scientific course who shall have completed prescribed work in Chemistry and Physics, Biology or Mathematics, with examination and thesis.

These degrees will not be conferred in less than two years after graduation. It is desirable that at least one year be spent in resident work at the College. The final examinations must in all cases be taken at the College. The thesis must be printed or typewritten and becomes the property of the College.

The College does not confer degrees in course.

The College does not offer courses leading to the degree of Doctor of Philosophy.

A fee of five dollars is charged for the Bachelor's diploma; a fee of ten dollars for the Master's diploma.



## **Commencement Program, 1902.**

Sunday, June 8, 10:30 a. m.—Baccalaureate Sermon.....The Dean  
8:00 p. m.—Commencement Sermon.....  
.....The Rev. Albert J. Berger  
Monday, June 9, 8:00 p. m.—Junior Exhibition.....Nine Orations  
Tuesday, June 10, 8:00 p. m.—Address to the Literary Societies  
.....The Rev. Henry K. Denlinger, D. D.  
Wednesday, June 11, 10:30 a. m.—Commencement.....Six Orations

## **Degrees Conferred, 1902.**

A. B., Irwin Horace Gamble

Ph. B., Bessie Burnett,

Herbert Alexander Crowder

Charles Allen Olmstead,

George Chapman Tyler.

B. S., Victor Herman Hemphill.

Ph. D., Walter Hensill Bradley.

# List of Students.

## The College.

### Senior Year.

Brown, Spencer Gilson, <i>c</i> .....	Brighton
Burke, Helen DuBois, <i>p</i> .....	Carlinville
Burton, Cornelia Rider, <i>c</i> .....	Carlinville
Culp, Martha Mahala, <i>c</i> .....	Womac
Hughes, Charles Earle, <i>p</i> .....	Carlinville
Messick, Nellie Rebecca, <i>c</i> .....	Carlinville
Meyer, Elizabeth, <i>c</i> .....	Carlinville
Rinaker, Clarissa, <i>c</i> .....	Carlinville
Turnbull, Ida Caroline, <i>c</i> .....	Carlinville

### Junior Year.

Boysen, Marie Jeanette, <i>c</i> .....	Carlinville
Burton, Robert, <i>c</i> .....	Carlinville
Gore, David Bell, <i>p</i> .....	Carlinville
Rinaker, Harriet, <i>c</i> .....	Carlinville
Stone, Charles Allen, <i>s</i> .....	Shipman
Woods, Charles Herbert, <i>c</i> .....	Carlinville

### Sophomore Year.

Corgan, Mabel, <i>p</i> .....	Carlinville
Cunningham, Harrison E., <i>s</i> .....	Buncombe
Karraker, Homer, <i>s</i> .....	Jonesboro
Mieher, Victor, <i>s</i> .....	Carlinville
Parks, Bessie Jean, <i>c</i> .....	Sioux Falls, S. D.
Robertson, Mary, <i>p</i> .....	Carlinville
Sanner, Jacob Otto, <i>c</i> .....	Woodburn
Wilson, Olive, <i>p</i> .....	Carlinville

### Freshman Year.

Cohlepp, William Henry, <i>s</i> .....	Carlinville
Coombes, Burleigh Lee, <i>p</i> .....	Carlinville
Fischer, Otilie, <i>p</i> .....	Carlinville
Glass, William A., <i>s</i> .....	Edwardsville
Grassel, Albert, <i>s</i> .....	Butler
Hounsley, Charles Allen, <i>s</i> .....	Chesterfield
Karraker, Edward L., <i>s</i> .....	Jonesboro
Ogg, James Bruce, <i>s</i> .....	Scottville
Parks, Theodora Wilhelmina, <i>p</i> .....	Sioux Falls, S. D.

# **The Academy.**

## **Senior Year.**

Cryderman, Eunice Eads.....	Abilene, Kan.
Curran, Thomas Francis.....	Raymond
Hassett, Florence Murilla.....	Carlinville
Sanner, Julia Frances .....	Woodburn
Stone, Horace Elmer .....	Shipman
Wilson, Frank Edwin.....	Carlinville

## **Middle Year.**

Bosomworth, Edgar C.....	Shipman
Bowman, Loy.....	Barnett
Burke, Martha.....	Carlinville
Faires, Leland Stanford.....	St. Jacob
Frank, Walter.....	Shipman
Landon, Nell.....	Jerseyville
Magee, Mary E.....	Scottville
McCollow, Charles D.....	Carlinville
McClure, Florence.....	Carlinville
Mitchell, Nanna Ina.....	Gillespie
Range, Milton.....	Palmyra
Searcy, Earl.....	Carlinville
Thyer, William Frank.....	Woodburn
Tongate, Earl.....	Carlinville
Tongate, Hope.....	Carlinville

## **Junior Year.**

Anderson, Rivers M.....	Carlinville
Deffenbaugh, David Clausen.....	Carlinville
Frey, David B.....	Carlinville
Leritz, Arthur E.....	Carlinville
Manning, Bird.....	Woodburn
Mieher, Fred B.....	Carlinville
Olmstead, Jesse Frank.....	Carlinville
Robertson, Tilden.....	Carlinville
Seymour, Ora Mae.....	Atwater
Steidley, Solomon Liston.....	Carlinville
Surman, Alpha Pauline.....	Carlinville
Wiser, Walter.....	Hettick

## **Special.**

Burke, Bertie.....	Carlinville
Collins, Ina.....	Carlinville
Corgan, Harriett.....	Carlinville
Dressing, Carrie.....	Girard
Fanning, Jennie M.....	Shipman

Gobble, Ballie.....	Carlinville
McElvain, Pearl.....	Girard
Toney, Thomas Ellsworth.....	Virden
Westermeier, Reba.....	Carlinville
Wright, Isabel.....	Carlinville

## Musical Department.

### Vocal.

Armstrong, Phoebe.....	Chesterfield
Barnett, Floyd.....	Carlinville
Barnett, Jessie.....	Carlinville
Barnstable, Lillian.....	Carlinville
Burke, Helen.....	Carlinville
Clanton, Edna.....	Carlinville
Corgan, Henrietta.....	Carlinville
Davenport, Irving.....	Carlinville
Davenport, Margaret.....	Carlinville
Denby, Myrtle.....	Nilwood
Fanning, Fay.....	Carlinville
Frey, David.....	Carlinville
Gleason, Hortense.....	Enos
Gobble, Harriette.....	Carlinville
Hankins, Clara.....	Carlinville
Hoecker, Nellie.....	Carlinville
Homer, Frances.....	Carlinville
Hyndman, Daisy.....	Carlinville
Johnson, Lois.....	Carlinville
Keplinger, Ruth.....	Carlinville
Landon, Nell.....	Jerseyville
Link, Clara.....	Carlinville
McElvain, Pearl.....	Girard
Phelps, Gertude.....	Carlinville
Searcy, Mrs. J. B.....	Carlinville
Seaman, Abbie.....	Carlinville
Steinmeyer, Flora.....	Carlinville
Stone, Olive.....	Carlinville
Turnbull, Ida.....	Carlinville
Westermeier, George.....	Carlinville
Westermeier, Margaret.....	Carlinville
Westermeier, Reba.....	Carlinville
Wilson, Fred.....	Carlinville
Wilson, Olive.....	Carlinville
Zimmerman, Ida.....	Carlinville

## Instrumental,

Anderson, Lucile.....	Carlinville
Belmer, Rose.....	Carlinville
Boatman, Edna.....	Carlinville
Burke, Martha.....	Carlinville
Burton, Cornelia.....	Carlinville
Crew, Charlotte.....	Carlinville
Cryderman, Eunice.....	Abilene, Kan.
Davenport, Margaret.....	Carlinville
Dressing, Carrie.....	Girard
Fischer, Otilie.....	Carlinville
Gleason, Hortense.....	Enos
Goldsborough, Romona.....	Carlinville
Hoecker, Nellie.....	Carlinville
Hulse, Mrs. Wm.....	Carlinville
Johnson, Lois.....	Carlinville
Keele, Ada.....	Chesterfield
Keplinger, Ruth.....	Carlinville
Lee, Mabel.....	Carlinville
Loehr, Adele.....	Carlinville
McClure, Sadie.....	Carlinville
McElvain, Pearl.....	Girard
McGready, Bertie.....	Carlinville
Mounts, Maryon.....	Carlinville
Mounts, Wilwalter.....	Carlinville
Mueller, Alma.....	Carlinville
Mueller, Gustav.....	Carlinville
Riemeier, Hulda.....	Carlinville
Riemeier, Laura.....	Carlinville
Robertson, Mary.....	Carlinville
Ross, Margaret.....	Carlinville
Ross, Mildred.....	Carlinville
Schoper, Florence.....	Carlinville
Steinmeyer, Marie.....	Carlinville
Steward, Elwood.....	Carlinville
Steward, Helen.....	Carlinville
Westermeier, Genevieve.....	Carlinville
Westermeier, Lorette.....	Carlinville

## Art Students.

Burke, Bertie.....	Carlinville
Burke, Helen.....	Carlinville
Corgan, Mabel.....	Carlinville
Corgan, Susie.....	Carlinville
Culp, Martha.....	Womac

Cunningham, H. E.....	Buncombe
Karraker, Homer.....	Jonesboro
Keplinger, Clara.....	Carlinville
Leeper, Linda .....	Carlinville
McClure, Florence.....	Carlinville
Moffit, Helen.....	Carlinville
Otwell, Bertha.....	Carlinville
Otwell, Mrs. W. B.....	Carlinville
Parks, Theodora W.....	Sioux Falls, S. D.
Sanner, Julia F.....	Shipman
Surman, Alpha.....	Carlinville

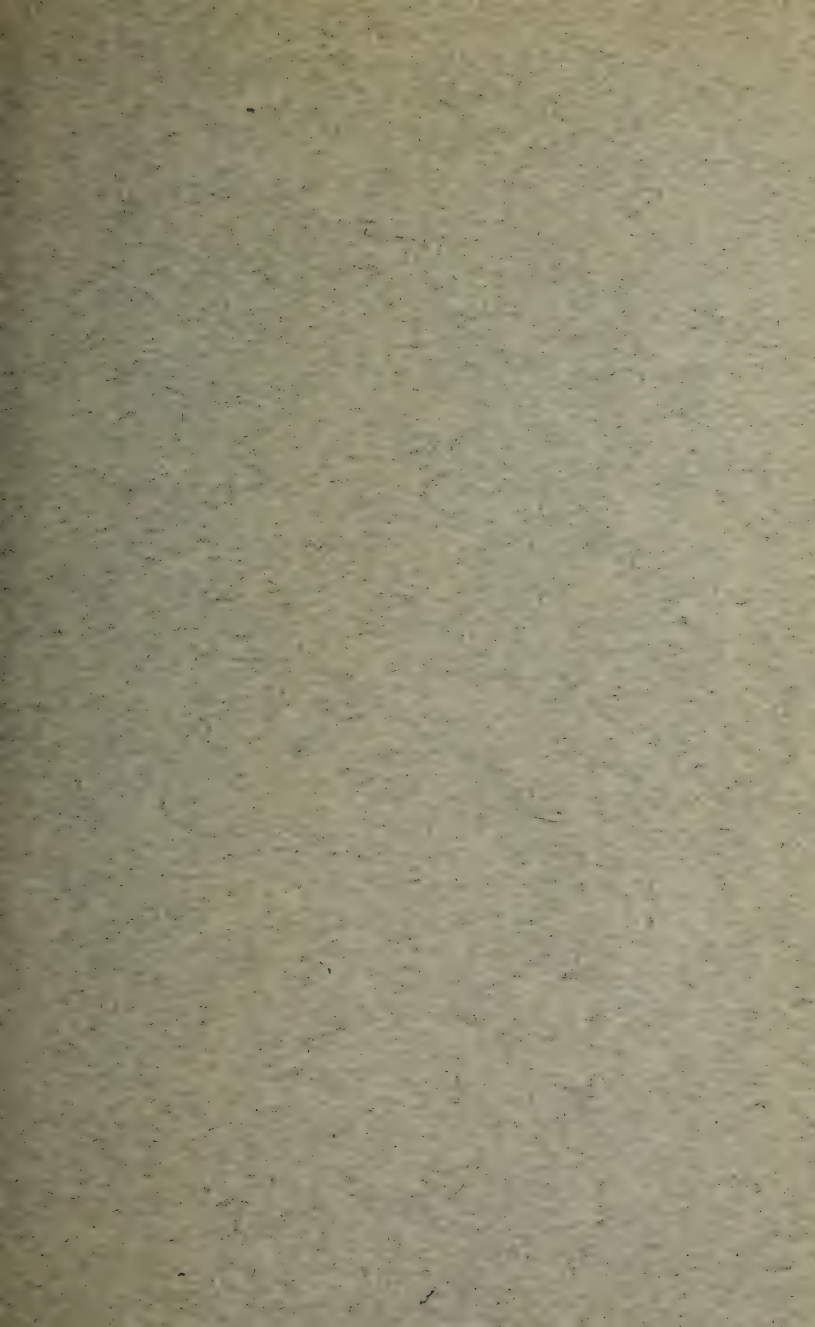




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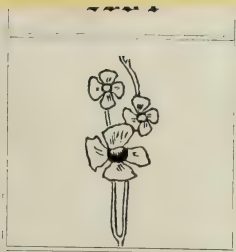
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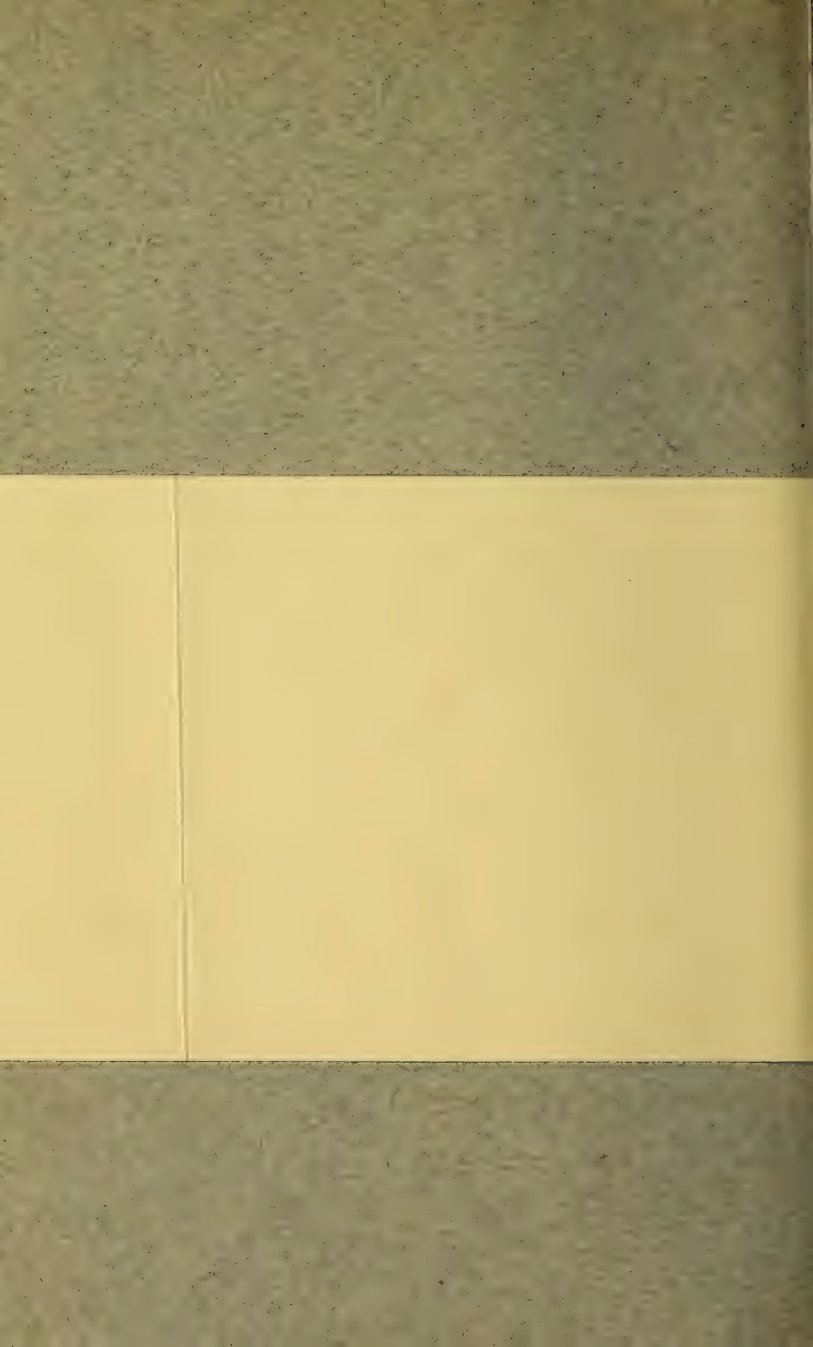
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Carlinville,  
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1904





## Calendar

**1904 First Term**

September 14, Wednesday . . . . .	Chapel, 9 a. m.
. . . . .	Enrollment, 9:30 a. m.—12 m.
. . . . .	Examinations, 1:00—4:00 p. m.
September 15, Thursday . . . . .	Recitations Begin
November 24–25, Thursday, Friday . . . . .	Thanksgiving Recess
December 21–23, Wednesday—Friday . . . . .	Term Examinations
December 23, Friday . . . . .	Term Ends



### 1905 Second Term

January 3, Tuesday . . . . .	Second Term Begins
January 26, Thursday . . . . .	Day of Prayer for Colleges
March 29-31, Wednesday—Friday . . . . .	Term Examinations
March 31, Friday . . . . .	Term Ends



### Third Term

April 3, Monday . . . . .	Third Term Begins
June 7-10, Wednesday—Saturday . . . . .	Term Examinations
June 11, Sunday, 10:30 a. m. . . . .	Baccalaureate Sermon
June 11, Sunday, 8 p. m. . . . .	Commencement Sermon
June 12, Monday, 8 p. m. . . . .	Junior Exhibition
June 13, Tuesday, 10 a. m. . . . .	Annual Meeting of the Board of Trustees
June 13, Tuesday, 8 p. m. . . . .	Address to the Literary Societies
June 14, Wednesday, 10:30 a. m. . . . .	Commencement
June 14, Wednesday, 8 p. m. . . . .	Senior Reception

## The Faculty

WALTER H. BRADLEY, PH. D., DEAN,	Mental, Moral and Political Science
JAMES E. ROGERS, PH. D., D. D.	Blackburn Professor of Theology
WESLEY A. CHALLACOMBE, M. S.	Mathematics
JOHN D. CONLEY, PH. D.	Physics and Chemistry
CHARLES ROBERTSON, PH. D.	Biology
HENRY E. SMITH, A. B.	Latin and Greek
MARY M. BELDEN, A. B.	English and History
MARGARET K. MOORE, B. L.	French and German
BURDEAN STEVENSON	Art
MRS. ROBERT O. PURVIANCE	Piano
MRS. J. MASON BARCUS	Vocal Music
JOHN P. MATTHEWS, M. D.	Physical Director of Gymnasium



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Treasurer and Financial Agent, F. W. Burton			



# Admission



## Admission to the College

All candidates for admission to the College must present satisfactory testimonials of good moral character; and students from other institutions must produce certificate of regular dismissal.

Candidates for advanced standing are examined in the studies which have been pursued by the class they wish to enter; also in the requirements for admission to the College, if such standing has not been regularly attained in another institution of equal rank.

Students who desire to pursue selected studies may do so, if properly prepared to enter regular classes. All such students must take the examinations with the classes of which they are members.

No one will be admitted to the Freshman class until he has completed his fourteenth year, nor to advanced standing without corresponding increase of age.

The requirements for admission to the Freshman class are:

1. English—English Grammar, Elementary and advanced Rhetoric, Composition, Literature. In Literature the requirements are those adopted by the Association of American Colleges.

A. For reading and practice:

1904—George Eliot, *Silas Marner*; Pope, *Iliad*, Books I, VI, XXII, XXIV; Addison, *Sir Roger de Coverley Papers* in the *Spectator*; Goldsmith, *Vicar of Wakefield*; Scott, *Ivanhoe*; Shakespeare, *Merchant of Venice* and *Julius Caesar*; Cooper, *The Last of the Mohicans*; Tennyson, *The Princess*; Coleridge, *The Rime of the Ancient Mariner*; Lowell, *Vision of Sir Launfal*; Carlyle, *Essay on Burns*.

B. For class study and analysis:

1904—Shakespeare, *Macbeth*; Milton, *Lycidas*, *L'Allegro*, *Il Penseroso*, *Comus*; Burke, *Speech on Conciliation with America*; Macaulay, *Essays on Milton and Addison*.

Equivalents in standard literature will be accepted from those who have not had opportunity to read these works.

2. Latin—A thorough knowledge of Bennett's, Harkness' or Allen and Greenough's Grammar; four books of Caesar; six orations of Cicero; six books of Virgil; Latin Composition.

3. Greek—Goodwin's Grammar; Pearson's Prose Composition; three books of the *Anabasis*, or the same amount of the *Memorabilia*; six books of the *Iliad*.

4. Mathematics—Arithmetic; Academic Algebra; Plane Geometry.
5. History—A thorough knowledge of United States History and General History.
6. Science—A fair knowledge of the elements of Physics and Chemistry, and from philosophical and scientific students, of Zoology, Physiology and Botany.

Candidates for admission to the Freshman class of the philosophical or scientific courses must present, instead of Greek, a fair knowledge of German Grammar, and the ability to read easy German prose at sight.

Students not prepared to enter the college will be classified in the proper year of the academic course.

## Expenses

Expenses are estimated as follows:

	Fall Term	Winter Term	Spring Term
1. Tuition and library fee.....	\$ 14.50	\$ 12.50	\$ 9.50
2. Room rent from.....	4.50—8.00	4.50—7.50	3.00—6.00
3. Board in college club from .....	30.00—35.00	25.00—27.50	22.00—27.00
4. Laboratory fee .....	2 00	2.00	2.00
Total for each term.....	\$51.00—59.50	\$44.00—49.50	\$36.50—44.50
Total for year from \$131.50 to \$153.50.			

The Laboratory fee is collected only from those taking Chemistry; room rent only from young men in the Dormitory.

In the case of young men boarding in town, and of young women, items 2 and 3 combined will be \$105.00 to \$140.00 for the year, or \$147.50 to \$182.50 for all necessary expenses.

The same rates are charged in the College and in the Academy.

Extra tuition is charged for the courses in Art, in Music, and in the Commercial Department. In Art and Music, both instrumental and vocal, the rate is fifty cents a lesson of forty-five minutes. In commercial branches about fifteen dollars a term, varying somewhat with number of lessons and time taken.

The above estimates do not include incidentals, which depend on individual taste.



# The College



## Departments of Instruction.

### I. Philosophy.

(1.) Logic, Deductive and Inductive. (2.) Psychology, Physiological and General. (3.) Ethics, Philosophical and Biblical. (4.) History of Philosophy. (5.) Aesthetics. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Logic presents thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention.

Fall term, Junior year—three hours a week.

2. Psychology is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention.

Fall and Winter terms, Senior year—three hours a week.

3. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories.

Fall term, Senior year—three hours a week.

4. The work in History of Philosophy is criticism of theories. Special attention is given to the modern development of Philosophy.

Winter and Spring terms, Senior year—three hours a week.

5. An elective in Aesthetics is offered, in which the theory of beauty is discussed.

Spring term, Senior year—three hours a week.

### II. Natural Theology and Church History.

(1.) Natural Theology. (2.) Comparative Religion. (3.) Bible History. (4.) Church History. (5.) New Testament Greek.

1. Natural Theology presents the rational basis of theism.

Winter term, Junior year—three hours a week.

2. Comparative Religion establishes the superiority of Christianity over other forms of religious belief.

Spring term, Junior year—three hours a week.

3. The course in Bible History traces the historical origin and preservation of the Scriptures, the formation of the canon, the development of the history and doctrine, and outlines the contents and purposes of the separate books of the Bible.

Fall term, Senior year—three hours a week. Elective.

4. The work in Church History covers the several periods of the development of the church, and the relations of Christianity to the progress of civilization.

Winter term, Senior year—three hours a week. Elective.

5. An elective in New Testament Greek is offered, in which selections from the Gospels and Epistles are read, and the peculiarities of Hellenistic Greek are pointed out.

### **III. Political Science.**

(1.) Political Economy. (2.) International Law. (3.) Constitutional Law. (4.) Sociology. [Text-books, lectures, discussions, papers, in all courses.]

1. The course in Political Economy presents economic history, economic theory, and practical economic problems. Special attention is given to money, banking, wages, and taxation.

Fall term, Junior year—three hours a week.

2. In International Law the grounds and leading principles of the relations of states are set forth.

Winter term, Junior year—three hours a week.

3. In Constitutional Law particular study is given to the Constitution and Government of the United States. Ancient and modern European systems of government are compared with the American.

Spring term, Junior year—three hours a week.

4. A course in Sociology is offered, in which the phenomena of society and present social problems are discussed.

Spring term, Senior year—three hours a week.

### **IV. Latin.**

(1.) Livy, Terence, Tacitus, Latin Literature. (2.) Roman History.

1. *a.* Livy, Book I. (at sight) and Book XXI.
- b.* Terence, *Phormio*; Tacitus, *Germania* and *Agricola*.
- c.* Cicero, *De Amicitia*.
- d.* Latin Literature.

Throughout the Freshman year—four hours a week.

2. The reading of the Sophomore year includes mainly prose-authors of the Post-Augustan Age. The following are taken up:

Poetry: Horace, *Odes* and *Epodes*.

Letter writing: Cicero, Seneca, Pliny the Younger.

Philosophy: Seneca.

Oratory: Quintilian and Tacitus.

A course in Latin Paleography and lectures on the private life of the Romans and Roman antiquities accompany the reading.

Throughout the Year—Required of Classical and Philosophical Sophomores, four hours a week.

3. Elegiac and Satiric writers, Tragedies, Roman Literature.

Elective for Juniors and Seniors, two hours a week.

## **U. Greek.**

(1.) Homer, Herodotus, Demosthenes. (2.) Philosophy. (3.) Drama. (4.) Poetry. (5.) Plato. (6.) Plutarch.

1. *a.* Homer's *Odyssey*: Four books.

*b.* Herodotus: Selections from Books VI and VII.

*c.* Demosthenes: *Philippics* and *Olynthiacs*.

The work also includes a review of Greek History and studies in Greek Literature.

Throughout the year, Freshman year—Four hours a week.

2. Plato's *Apology*, *Crito* and *Phaedo* are read in the Greek. Extensive readings in English are pursued, dealing with the life and character of Socrates.

Fall term, Sophomore year—four hours a week.

3. The reading comprises: Aeschylus' *Agamemnon*; Sophocles' *Oedipus Tyrannus*; Euripides' *Alcestis*; Aristophanes' *Birds*. Lectures on the rise and development of the Greek Drama and on the private life of the Greeks accompany the reading.

Winter and Spring terms, Sophomore year—four hours a week.

4. Greek Poetry—Pindar and Theocritus, with selections from other authors.

Fall term, Junior or Senior year—two hours a week.

5. Plato: Study of the "*Republic*." Three books are read in Greek, the other books in translation. Lectures and discussions on the development of the Greek state and constitution.

Winter term, Junior or Senior year—two hours a week.

6. Plutarch. The life of Themistocles is read, with a thorough study of the sources of Plutarch. Other lives are read in translation.

Spring term, Junior or Senior year—two hours a week.

## **VI. German.**

(1.) Schiller. (2.) Goethe, Lessing. (3.) German Authors.

1. Study of Schiller. *Wilhelm Tell*, *Jungfrau von Orleans*, *Maria Stuart*, *Gustav Adolph in Deutschland*. Prose readings from other authors. Composition.

Freshman year—four hours a week.

2. Study of Goethe and Lessing. *Iphigenie auf Tauris*, Hermann und Dorothea, *Minna von Barnhelm*, *Nathan der Weise*, Heine's Prose, or prose selections from other authors.

Sophomore year—four hours a week.

3. Aus der Deutschen Litteratur, Goethe's *Faust*, Part 1, Schiller's *Wallenstein*, Freytag's Prose.

Elective in Junior or Senior years—four hours a week.

All courses subject to slight change.

### III. French.

The course in French covers three years, which is sufficient to give the student a good reading knowledge of the language and a fair appreciation of its literature. The work in this department is entirely elective.

(1.) Grammar, composition. (2. and 3.) Literature.

1. Grammar, with written exercises, reading and conversation. Bruno's *Le Tour de la France*; Moliere's *L'Avare*.

Sophomore or Junior year, throughout the year—three hours a week.

2. a. Easy French plays or stories.

b. Musset's *Pierre et Camille*; Sand's *La Mare au Diable*.

c. Moliere: two plays; Dumas: one play. French literature begun.

Junior or Senior year—three hours a week.

3. a. Racine and Corneille. Victor Hugo.

b. French Prose of XVII century.

c. Voltaire's Prose. French Lyrics.

French Literature throughout the year.

Junior or Senior year—two hours a week.

### IV. English.

(1.) Advanced Analysis and Composition. (2.) Elocution. (3.) English Literature. (4.) American Literature. (5.) English Literature (advanced course).

1. Advanced Analysis and Composition, Argumentation.

Freshman year—two hours a week.

2. Elocution. Thorough instruction and drill in declamation and oratory.

Sophomore year—two hours a week. Elective.

3. English Literature.

Fall and Winter terms, Sophomore year—three hours a week.

4. American Literature.

Spring term, Sophomore year—three hours a week.

5. English Literature, Advanced Course. (Open only to those who have taken course 3.)

Junior or Senior year—two hours a week. Elective.

## **IX. History.**

(1.) English History. (2.) European History. (3.) Bible and Church History. (4.) History of Civilization. (5.) Constitutional History and Elementary Law.

1. English History.

Freshman year—two hours a week.

2. European History.

Sophomore year—three hours a week. Elective.

3. Bible and Church History.

Fall and Winter terms, Senior year—three hours a week. Elective.

4. History of Civilization.

Spring term, Senior year—three hours a week. Elective.

5. Constitutional History and Elementary Law.

Senior year—three hours a week. Elective.

(Text-books, discussions, abstracts, essays on assigned topics, in all classes.)

Throughout the course the standpoint is that of world history. Only those facts are made prominent which have a traceable relation to general progress. The importance of individuals, nations, movements, and institutions is measured by their contribution to civilization. Political and constitutional changes receive much attention.

## **X. Mathematics.**

### **1. Algebra.**

Advanced Algebra. Solid Geometry. Trigonometry and Surveying.

Freshman year—seven hours a week.

### **2. Geometry.**

Analytical Geometry (fourteen weeks). Differential and Integral Calculus, (twenty-two weeks).

Sophomore year—four hours a week.

### **3. Courses in Theory of Functions.**

Elementary Mechanics, or advanced courses in Differential and Integral Calculus. Elective for Juniors or Seniors—four hours a week.

### **4. Astronomy.**

Descriptive, mathematical, and historical. Lectures, constellation study, and observational work with five-inch telescope.

Senior year—First half year, two hours a week; last half, three hours a week.

This department is provided with an excellent transit and other necessary accessories for field work in surveying, and also with astronomical globes, maps and magazines for astronomical work.

## **XI. Science.**

### **A. Physics.**

(1.) Advanced Physics.

1. Kinematics. Molar, Molecular, and Ether Dynamics.

Fall and Winter terms, Junior year text and laboratory, five hours a week.

### **B. Chemistry.**

(1.) Inorganic Chemistry. (2.) Organic Chemistry. (3.) Qualitative and Quantitative Analysis.

1. Fundamental laws and principles of the science; analysis, synthesis, and metathesis; chemical equations and problems; laboratory work with notes.

Spring term, Junior year—five hours a week.

2. Independent and accurate observation is required. Large practice is given in the qualitative and quantitative determination of unknown substances.

Fall and Winter terms, Senior year—two consecutive hours three days a week. Elective except for Scientific Students.

4. Functions of the plant, including nitrogenous and mineral constituents; membranous diffusion; assimilation, condition of vegetation; soil: formation, composition, alteration, relation to light, heat and moisture; fertilizers: composition, application and value; relation of geology, physics and chemistry to agriculture.

Spring term, Senior year—three hours a week. Elective except for Scientific Students.

Chemistry is taught by laboratory practice, supplemented by suitable text books. Such instruction is given as will prepare the student for professional courses in chemical philosophy and chemical technology.

### **C. Geology.**

Dynamical, structural, stratigraphical, and historical geology. The rare collections of the museum, a full set of models of crystals, a set of European minerals, geological maps and charts, make the equipment of this department unusually complete. The students visit the mines and other localities where typical minerals and fossils are found.

Senior year—First half year, three hours a week; last half, two hours a week.



#### **D. Biology.**

(1.) Invertebrate Zoology. (2.) Morphology and classification of plants. (3.) Spring plants. (4.) Fall plants. (5.) General Zoology. (6.) Anatomical Technology.

1. Invertebrate Zoology, laboratory work.

Fall term, Freshman year—four hours a week.

2. Morphology and classification of plants.

Winter term, Freshman year—four hours a week.

3. Classification and ecology of dominant groups of spring plants.

Spring term, Freshman year—four hours a week.

4. Classification and ecology of dominant groups of fall plants.

Fall term, Sophomore year—four hours a week. Elective except for Scientific Students.

5. General Zoology.

Winter and Spring terms, Sophomore year—four hours a week. Elective except for Scientific Students.

6. Anatomical Technology, Human Osteology, and the Anatomy of the Cat.

Fall and Winter terms, Junior year—four hours a week. Elective.

#### **XII. Special Courses.**

Instruction in the following courses is offered. Particular information may be obtained by addressing the Dean or the instructor in charge.

##### **Art.**

The studio, a large, well-lighted room, is supplied with materials for work—easels, studies, and still-life.

**COURSE IN ART.**—First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water color painting (monochrome) from still life. Perspective.

**SECOND YEAR.** Drawing from casts—drapery, and groups of objects, in charcoal and crayon. Pen and ink drawing. Painting from still life, in oil and water color. Perspective. Artistic anatomy.

**THIRD YEAR.** More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water color, and pastel. Art history.

**FOURTH YEAR.** Original studies in oil and water color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

# Music.

## Piano Course.

### FIRST GRADE.

- Studies ..... { Standard Grade Course—W. S. B. Matthews.  
Wieck.  
Scales.
- Compositions. .... { Exercises in writing notes and transposition.  
Kleinmichel: Clavier Spielen, (4 hands), 1st book,  
Gurlitt: op. 18, (4 hands); Low, Dennee, Sartorio, (4 hands).

### SECOND GRADE.

- Studies ..... { Duvernoy: op. 120—3 books,  
Scales and Arpeggios.  
Czerny.  
Schmöl: Execution, Phrasing, Expression.
- Compositions..... { Clementi, Kuhlman, Lange and Burgmüller.  
Concone, Sartorio, Heins, Lichner, Dennee.

### THIRD GRADE.

- Studies..... { Bach: Twelve Little Preludes.  
Heller: Opus 47, 46, 45.  
Lœschorn: op. 66, 3 books.  
Minor Scales.
- Compositions..... { Selections from Schubert, Weber, Mozart, Beethoven,  
(4 hands).  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.

### FOURTH GRADE.

- Studies..... { Bach: Two Part Inventions.  
Czerny: op. 740.  
Heller: "Art of Phrasing", op. 6.  
Jensen: Characteristic Studies, op. 32.
- Compositions..... { Schubert: Marche, (4 hands).  
Grieg, Henselt, Chopin, Chaminade.  
Schubert, Rubenstein, Leschetizky.  
Moskowski, Handel.

### FIFTH GRADE.

- Studies ..... { Bach: French Suites.  
Bach: Suites Anglaises.  
Clementi: Gradus ad Parnassum.  
Kullak: Octave Studies.  
Moschelle: op. 70.
- Compositions. .... { Beethoven, Schubert, Schuman.  
MacDowell, Chopin.  
Moskowski, Meyer-Helmund.  
William Mason.

### SIXTH GRADE.

- Studies..... { Chopin: op. 0.....op. 25.  
Bach, Vogrich.
- Compositions..... { Brahms, Heller, Wagner.  
Liszt, Chopin, Schuman.

## **Vocal Course.**

### **First Grade.**

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger and Concone.

### **Second Grade.**

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

### **Third Grade.**

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies of Sieber, Marchesi, Lamperti. More difficult songs. Church music.

### **Fourth Grade.**

More advanced studies for equalizing the voice in all registers, broadening the technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

## **Degrees**



The College confers the following degrees: the degree of Bachelor of Arts upon graduates of the classical course; that of Bachelor of Philosophy upon graduates of the philosophical course; and that of Bachelor of Science upon graduates of the scientific course.

It is required for graduation that the student shall have completed the prescribed work in one of the courses, and shall have taken elective work sufficient to make a minimum of eighteen hours a week in the Sophomore year, seventeen in the Junior and sixteen in the Senior, which, with the nineteen required in the Freshmen, constitute a minimum of seventy hours.

In addition to the Bachelor's degrees the degree of Master of Arts is conferred upon graduates of the classical and philosophical courses who shall have completed prescribed work in Philosophy, History, Latin or Greek, with examination and thesis.

The degree of Master of Science is conferred upon graduates of the scientific course who shall have completed prescribed work in Chemistry and Physics, Biology and Mathematics, with examination and thesis.

These degrees will not be conferred in less than two years after graduation. It is desirable that at least one year be spent in resident work at the College. The final examinations must in all cases be taken at the College. The thesis must be printed or typewritten and becomes the property of the College.

The College does not confer degrees in course.

The College does not offer courses leading to the degree of Doctor of Philosophy.

A fee of five dollars is charged for the Bachelor's diploma; a fee of ten dollars for the Master's diploma.

## **The Academy**



The Academy offers three distinct courses, each the foundation for one of the College courses. The scientific and philosophical courses are admirably adapted to the needs of those intending to teach.

Students are permitted to enter any class for which they are prepared, and they are classified in the catalogue according to their attainments.

Instruction in the Academy is given by the regular College professors. The students have all the privileges of the College.

All subjects in each course are required of those who enter on that course. Substitution of equivalent subjects is permitted.

All studies run throughout the academic year. No credit toward promotion or entering on college work is given for part of a year's work.

## **Academy Course of Study by Departments**



### **I. Latin.**

(A-1.) Beginning Latin. (B-1.) Cæsar. (B-2.) Cicero. (C-1.) Ovid. (C-2.) Vergil.

A-1. Beginning Latin: Principles, form, syntax, vocabulary; accuracy and speed in translation. Latin composition. Reading.

Junior year—five hours a week.

B-1. Cæsar, five books, Latin composition. Sight Reading, Viri Romæ.

Fall term, Middle year—five hours a week.

B-2. Seven orations of Cicero, including "The Manilian Law" and "For Archias." Prose writing. Sight reading.

Winter and Spring terms, Middle year—five hours a week.

C-1; Selections from Ovid; Study of Prosody and Meters of Ovid. Drill in scanning and reading poetry.

Fall term, Senior year—five hours a week.

C-2. Vergil, Books I-VI. Review of Roman History.

Winter and Spring terms, Senior year—five hours a week.

## **II. Greek.**

(A.) Beginning Greek. (B.) Second year Greek.

A. Beginning Greek: Forms, vocabulary, oral and written translations. Prose composition and reading.

Middle year—five hours a week.

B. Xenophon, four books; Oration of Lysias. Prose composition. Sight reading.

Senior year—five hours a week.

Greek is required only in the classical course, elective in the others.

## **III. German.**

(A-1.) German Grammar. (A-2.) German Composition. (A-3.) Storm's Immensee.

A-1. German Grammar, easy prose reading.

Fall term, Senior year—five hours a week.

A-2. Composition and Reading.

Winter term, Senior year—five hours a week.

A-3. Storm's Immensee and short stories from various authors.

Spring term, Senior year—five hours a week.

German is required in the Philosophical and Scientific courses, elective in the classical.

## **IV. English.**

(A.) Grammar and Elementary Rhetoric. (B.) English Classics.

(C.) Advanced Rhetoric.

A. English Grammar and Elementary Rhetoric. Classics.

Junior year—five hours a week.

B. English Classics required for College entrance.

Middle year—five hours a week.

C. Advanced Rhetoric. Text and Exercises.

Senior year—three hours a week.

## **V. History.**

General History.

Junior year—five hours a week.

## **UI. Mathematics.**

(A.) Higher Arithmetic. (B.) Beginning Algebra. (C.) Plane Geometry.

A. Higher Arithmetic.

Junior year—five hours a week.

B. Beginning Algebra to Quadratics.

Middle year—five hours a week.

C. Plane Geometry.

Senior year—three hours a week.

D. Second Algebra. For students who have had Algebra but cannot make the College requirements. Senior year. Elective.

## **UII. Science.**

### **A. Physics.**

Elementary Physics. Laboratory Practice.

Fall and Winter terms, Senior year—five hours a week.

### **B. Chemistry.**

Elementary Chemistry. Laboratory Practice.

Winter and Spring terms, Senior year—five hours a week.

### **C. Biology.**

Elementary Biology. One term each of Zoology, Physiology and Botany.

Middle year—five hours a week.

For additional information, address

WALTER H. BRADLEY, Dean.

BLACKBURN COLLEGE,  
Carlinville, Ill.







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# Announcement

—OF THE—

## Forty-third Annual Session

—OF—

# Blackburn College and Academy

BEGINNING

September 13, 1905



Carlinville, Illinois



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# Calendar.

## Fall Term.

September 13, Wednesday	-	-	College Opens—Chapel 9 a. m.
	-	-	Enrollment 9:30 a. m.—12 m.
	-	-	Examination 1—4 p. m.
September 14, Thursday	-	-	Recitations Begin
November 23-24, Thursday, Friday	-	-	Thanksgiving Recess
December 20-22, Wednesday-Friday	-	-	Term Examinations
December 22, Friday	-	-	Term Ends



## Winter Term.

January 2, Tuesday	-	-	Winter Term Begins
January 25, Thursday	-	-	Day of Prayer for Colleges
March 28-30, Wednesday-Friday	-	-	Term Examinations
March 30, Friday	-	-	Term Ends



## Spring Term.

April 2, Monday	-	-	Spring Term Begins
June 6-9, Wednesday-Saturday	-	-	Term Examinations
June 10, Sunday, 10:30 a. m.	-	-	Baccalaureate Sermon
June 10, Sunday, 8 p. m.—			Annual Sermon Before Y. M. C. A. and Y. W. C. A.
June 11, Monday, 8 p. m.	-	-	Junior Oratorical Contest
June 12, Tuesday, 10 a. m.	-	-	Annual Meeting of Board of Trustees
June 12, Tuesday, 8 p. m.	-	-	Alumni Reunion and Banquet
June 13, Wednesday, 10:30 a. m.	-	-	Commencement
June 13, Wednesday, 8 p. m.	-	-	President's Reception





# Courses of Instruction by Departments.

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## COLLEGE.

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### I. PHILOSOPHY

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#### Professors Bradley and Walcott

1. Logic. Thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention. Three hours a week. First term. Required of all Juniors. Professor Bradley.

2, 3. Psychology. This subject is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second and third terms. Required of all Juniors. Professor Bradley.

4, 5. Ethics. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Two and three hours a week respectively. Second and third terms. Elective for Seniors, but Ethics 5 is open only to those who have taken Ethics 4. Professor Bradley.

6, 7. History of Philosophy. A development of philosophical thought from its beginnings in Greece down to modern times. Especial attention will be given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the middle ages will be dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him will be considered at length. The work will be not merely analytical but also constructive. Lectures, collateral reading, essays. Three hours a week. First and second terms. Elective for Seniors. Professor Walcott.

8. History of Religion. The different religions of the world will be treated in a purely scientific manner. The effort will be made to understand the leading characteristics of the great ethnic faiths and to group them so far as possible. Two hours a week. First term. Elective for Juniors and Seniors. Professor Walcott

9. Philosophy of Religion. The implications of religion per se will be considered from a philosophical view point, and the possible grounds of a religious faith determined. Two hours a week. Second term. Elective for Juniors and Seniors. Professor Walcott.

10. Christianity; Some of its Leading Characteristics. The effort will be made to get at the permanent and essential features of Christianity; to show what its leading contributions to the western world have been, its position to-day and probable position in the future. Two hours a week. Third term. Elective for Juniors and Seniors. Professor Walcott.

## II. SOCIAL SCIENCE

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Professor Bradley

1. Sociology. Brief survey of social evolution and the structure of society. Especial attention given to present social problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First term. Elective for Seniors.

2, 3. Economics. Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention is given to money, banking, wages and taxation. Three hours a week. Second and third terms. Elective for Seniors.

## III. HISTORY

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Professors Lingle and Bradley

1. Greece and Rome. From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First term. Required of Sophomores.

Professor Bradley.

2. European History. Mediaeval Europe. Text-book. Collateral reading in the sources. Three hours a week. Second term. Required of Sophomores.

Professor Bradley.

3. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Third term. Required of Sophomores.

Professor Bradley.

4, 5. English Constitutional History. Text-book, collateral reading in the sources. Two hours a week. First and second terms. Elective for Juniors.

Professor Lingle.

6. American Constitutional History. Text-book, collateral reading in the sources. Lectures also upon the constitutional development of the other English-speaking peoples. Two hours a week. Third term. Elective for Juniors. Professor Lingle.

7. History of France. The important epochs in the development of the French people will be treated by text-book and lectures. Important events in Italian, Spanish, and Portuguese history will also receive treatment. Collateral reading. Two hours a week. First term. Elective for Seniors. Professor Lingle.

8, 9. History of Germany. The important epochs in the development of the German people, together with the leading events of Sweden, Denmark, and Holland, especially as these latter bear upon European history in general will be treated by text-book and lectures. Collateral reading. Two hours a week. Second and third terms. Elective for Seniors. Professor Lingle.

#### IV. BIBLICAL HISTORY AND LITERATURE.

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Professor Walcott.

The work in this department extends over two years and is designed to give a comprehensive view of the Hebrew contribution to the western world. It is also strongly urged that students, when they have finished Courses 1-6, elect Courses 8, 9, 10, in the Department of Philosophy.

1. Hebrew History. The United Kingdom. Wide reading in the historical books of the Old Testament. Text-book giving the results of the latest investigations in the Orient. Contemporary ancient history. Two hours a week. First term. Required of all Freshmen.

2. Hebrew History. The Divided Kingdom. A development of the Hebrew national life upon lines similar to Course 1, but dealing with the kingdoms of Israel and of Judah after their separation. Two hours a week. Second term. Required of all Freshmen.

3. Hebrew Literature. A study of the books of the Old Testament with special reference to their literary form. The lyric, dramatic and epic elements will be considered, together with the idyls and wisdom literature. Especial attention will be given to the Book of Job, the masterpiece of Hebrew literature. Two hours a week. Third term. Required of all Freshmen.

4. Jewish History and Literature. A survey of the historical



situation both in and without Palestine prior to the birth of Christ. Study of the Jewish literature of this period so far as time will permit. Two hours a week. First term. Required of all Sophomores.

5. Early Christian Literature. The Pauline Epistles and Acts of the Apostles. Special attention given to the historical data yielded by these writings. Two hours a week. Second term. Required of all Sophomores.

6. Early Christian Literature. The Gospel and other works of the New Testament. The effort will be made to grasp the life of Christ in its entirety so far as the Gospels present it. Attention will be given to the literary form as well as to the thought. Two hours a week. Third term. Required of all Sophomores.

## V. LATIN LANGUAGE AND LITERATURE.

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### Professor Bradley.

1. Livy. Selections from Books I, XXI, and XXII. Careful reading of the text with lectures upon early Roman history. Three hours a week. First term. Required of all Freshmen. Note Course 14.

2. Cicero. Selections from his letters. Lectures upon the last period of the Republic with the definite aim to grasp firmly its revolutionary character. Three hours a week. Second term. Required of all Freshmen. Note Course 14.

3. Tacitus. Germania and Agricola. Lectures upon the period in which Tacitus lived together with a discussion of the conditions in both Britain and Germany. Three hours a week. Third term. Required of all Freshmen. Note course 14.

4. Horace. Odes and Epodes. Lectures upon the life of Horace with a discussion of the chief characteristics of his lyrical works. Three hours a week. Second term. Required of all Sophomores.

5. Catullus, Tibullus and Propertius. Careful reading of selected poems with discussion of form and poetical value. Three hours a week. Second term. Required of all Sophomores.

6. Horace. Satires and Epistles. Careful reading of selections; comparison with Lucilius, Greek comic writers and modern satirists. Three hours a week. Third term. Required of all Sophomores.

7. Origin of Latin Poetry and Development of the Drama. Readings from Plautus and Terence. Three hours a week. First term. Elective for Juniors and Seniors. Alternates with Course 10.

8. Cicero. Brutus, with readings from Quintillian. Lectures upon the prose of the early period of the Republic. Two hours a week. Second term. Elective for Juniors and Seniors. Alternates with Course 11.

9. Tacitus. Readings from his Annals with lectures upon the prose of the Silver Age. Three hours a week. Third term. Elective for Juniors and Seniors. Alternates with Course 12.

10. Pliny. Selections from his Epistles. Lectures upon the period. Two hours a week. First term. Elective for Juniors and Seniors.

11. Juvenal and Martial. Selections with lectures upon the development in satire from Horace to Juvenal. Two hours a week. Second term. Elective for Juniors and Seniors.

12. Cicero. Virgil. Special elective for teachers of Latin. Two hours a week. Third term. Elective for Juniors and Seniors.

13. Roman Life. Lecture and text-book work upon the private life of the Romans. The Roman child is considered in the home, at play and at school, and when he has taken his place in the state. One hour bi-weekly through the year. Elective for Sophomores, Juniors and Seniors.

14. Latin Composition. Thorough drill in writing connected Latin discourse with occasional oral work. One hour a week throughout the year. Required of all Freshmen.

## VI. GREEK LANGUAGE AND LITERATURE

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Professor Walcott

A. B. C. Elementary Greek. The first two terms are devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the *verb*, and to word-formation. In the third term Xenophon's Anabasis is begun. Composition both written and oral throughout the year. Five hours a week. Open to those students who have not had Greek before entering college and who wish to matriculate for the degree of Bachelor of Arts.

1, 2. Xenophon. Anabasis, Books II.-IV. Careful study of the text. Thorough drill in syntax, pronunciation, and word-formation. Reading at sight. Selections from the Hellenica. Three hours a week. First and second terms. Required of Freshmen who are candidates for the degree of Bachelor of Arts. See Course 14.



3. Lysias. Selected orations. Thorough study of the text with lectures upon the development of oratory in Greece. Athenian law-courts. Third term. Required of Freshmen who are candidates for the degree of Bachelor of Arts. See Course 14.

4. Plato. Apology and Crito. Study of the text with sight reading in Xenophon's Memorabilia. Informal lectures upon the life and teaching of Socrates. Three hours a week. First term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

5. Herodotus. Selections from Books VI. and VII. Study of the text with lectures and collateral reading upon the Persian wars. Three hours a week. Second term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

6. Homer. Three books of the Iliad. Careful attention given to epic forms and constructions, with lectures upon the rise of this form of literature. The national and literary epics compared. Three hours a week. Third term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

7. Homer. Four books of the Odyssey. Rapid reading of other portions of the Odyssey with lectures upon Greek life in the Epic Period. Three hours a week. First term. Elective for Juniors and Seniors.

8. Demosthenes. Philippics and Olynthiacs. Study of the text with lectures upon the Attic orators and the historical situation. Three hours a week. Second term. Elective for Juniors and Seniors.

9. Sophocles. Antigone. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Third term. Elective for Juniors and Seniors.

10. Aristophanes. One play studied carefully in the text, with rapid reading of other plays in a translation; development of the comic drama. Two hours a week. First term. Elective for Seniors.

11. Lyric Poets. Selections from Sappho, Alcaeus, Simonides, Pindar and other lyric poets. Lectures upon the rise and development of such poetry in Greece. Two hours a week. Second term. Elective for Seniors.

12. Plato. Republic. Study of the text with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Two hours a week. Third term. Elective for Seniors.

13. Greek Life. Lectures and text-book work upon the private life of the Greeks. Child-life, education, amusements, marriage and

position of the citizen in the state will be treated. One hour bi-weekly throughout the year. Elective for Sophomores, Juniors, and Seniors whether previously trained in Greek or not.

14. Greek Composition. Thorough drill in writing connected discourse in Greek together with occasional oral work. One hour a week throughout the year. Required of all Freshmen taking Courses 1, 2, and 3.

15, 16. Greek composition. Advanced work in writing connected discourse in Greek. One hour a week. Second and third terms. Elective for Sophomores, Juniors, and Seniors.

17, 18, 19. New Testament Greek. Selections from the Pauline Epistles, Acts of the Apostles, and the Gospels read with a view to the mastery of the peculiarities of Hellenistic Greek. Attention is directed more to the language than to the thought. Two hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

## VII. ENGLISH LANGUAGE AND LITERATURE.

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1, 2, 3. Rhetoric and Composition. Text-book and theme work. Parallel study of English and American essayists and orators. Three hours a week throughout the year. Required of all Freshmen.

4, 5. English Literature. Historical survey of English literature from the earliest times to the present. Parallel study of selected poets, novelists and literary critics. Also theme work. Three hours a week. First and second terms. Required of all Sophomores.

6. American Literature. Historical survey of American literature. Parallel study of selected poets, novelists and literary critics. Theme work. Three hours a week. Third term. Required of all Sophomores.

7. Anglo-Saxon. Grammar and extensive prose reading. Parallel study in the development of the novel till the time of Scott. Three hours a week. First term. Elective for Juniors.

8. Anglo-Saxon Poetry. Critical study of Beowulf and others. Parallel study of the great English novelists of the nineteenth century. Three hours a week. Second term. Elective for Juniors.

9. Old English. The development of the English language from Saxon times to the end of the fifteenth century. Aucrēn Riwle and Ormulum, and the works of Wiclif and Chaucer will be studied. Three hours a week. Third term. Elective for Juniors.

10. Shakespeare. Critical study of selected plays with lectures and collateral reading upon the development of the English drama. Three hours a week. First term. Elective for Seniors.

11. Milton. Critical study of Milton with lectures, and collateral reading in the poetry of England from the time of Sir Philip Sidney to the beginning of the nineteenth century. Three hours a week. Second term. Elective for Seniors.

12. English Poetry of the Nineteenth Century. Critical study of Tennyson with extended required readings in Wordsworth, Byron, Shelley, Keats and Browning. Lectures and essays. Three hours a week. Third term. Elective for Seniors.

## VIII. GERMAN LANGUAGE AND LITERATURE.

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### Professor Lingle.

1, 2, 3. Reading and Speaking Course. At least a year of preparatory German is presupposed in this course. The work in the classroom will be conducted entirely in the German language. The purpose will be to educate the ear, perfect the pronunciation, and acquire facility in reading German understandingly without translating. The standard German Gymnasien text-books will be used. Four hours a week throughout the year. Required of all students in either the Freshman or Sophomore year.

4, 5, 6. The Drama of the Classical Period. The works of Lessing, Schiller and Goethe will be read. Two dramas of each author. Lectures upon the lives of these men and the literature of the period. Three hours a week throughout the year. Required of all candidates for the degrees of Bachelor of Science and Bachelor of Philosophy. Elective for candidates for the degree of Bachelor of Arts.

7, 8, 9. German Literature. History of German literature from the earliest times to the present. Three periods, each constituting the work of one term, viz: From the earliest times to Klopstock, from Klopstock to the death of Goethe, and from the death of Goethe to the present time. A German text-book on the subject treated will be used. Three hours a week throughout the year. Elective for Juniors and Seniors.

## IX. FRENCH LANGUAGE AND LITERATURE.

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1. Elementary French. Thorough drill in the fundamental principles of the French language. Grammar work, easy reading and composition. Three hours a week. First term. Elective for Sophomores and Juniors.

2. Elementary French. Continuation of grammar and composition work. Reading aloud in the French language with careful attention to pronunciation. Translation of easy works in French, such as "Contes et Legendes" by Guerber, "Tour de la France par deux Enfants" by Bruno, and "La Tache du petit Pierre" by Mairat. Three hours a week. Second term. Elective for Sophomores and Juniors.

3. Elementary French. Completion of grammar and composition work. Reading the language and translation of "Colomba" by Merimee, and other similar works. Three hours a week. Third term. Elective for Sophomores and Juniors.

4. French Literature. Brief survey of French literature from the earliest time to the death of Louis XIV. Selected readings from the authors of the eighteenth century. French text-book. Three hours a week. First term. Elective for Juniors and Seniors.

5. French Literature. History of French literature from the time of Louis XIV until the end of the First Republic. Selected readings from authors of the period. Three hours a week. Second term. Elective for Juniors and Seniors.

6. French Literature of the Nineteenth Century. Lectures upon the period and selected readings from the works of Mme. de Stael, Dumas, Hugo, Zola, Renan and others. Three hours a week. Third term. Elective for Juniors and Seniors.

## X. MATHEMATICS AND ASTRONOMY

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Professor Challacombe

### A. MATHEMATICS.

1. College Algebra. A brief review of the theory of exponents, surds and imaginary quantities, followed by advanced work in simultaneous quadratic equations, progressions, series, and kindred subjects. Four hours a week. First term and part of second term. Required of all Freshmen.



2, 3. Trigonometry, Plane and Spherical. The development of the trigonometric functions and formulae and their application to the solution of problems in geometry, right and oblique triangles. Solution of elementary spherical triangles. Four hours a week. Part of second term and all of third term. Required of all Freshmen.

4, 5. Analytical Geometry. The study of the Cartesian and polar systems. The point, line, conics, higher plane curves and the elements of three-dimensional geometry. Three hours a week. First and second terms. Required of candidates for the degree of Bachelor of Science, but elective for all other qualified students.

6. Differential Calculus. Differential formulae, application of differentiation to the expansion of functions, evolution of indeterminates, evolutes and involutes, maxima and minima. Three hours a week. Third term. Required of candidates for the degree of Bachelor of Science, but elective for all other qualified students.

7. Integral Calculus. Integration of rational fractions, indefinite integrals, and the application of integration to areas, surfaces, volumes, and length of curves, and to the solution of problems. Three hours a week. First term. Elective for Juniors.

8. Determinants. Three hours a week. Second term. Elective for Juniors.

9. Theory of Equations. Three hours a week. Third term. Elective for Juniors.

10. Surveying. Chaining, transit surveying, leveling, laying out curves, dividing land, topographical survey, adjustment of instruments, etc. Three hours a week. First term. Elective for Juniors.

11. Partial Differential Equations. With applications to Geometry and Physics. Three hours a week. Second term. Elective for Juniors and Seniors.

12, 13, 14. Senior Mathematics. History of Mathematics; a review of academic and collegiate mathematics; readings from various authors on the methods, teaching, and philosophy of mathematics. Two hours a week throughout the year. Elective for Juniors and Seniors.

#### B. ASTRONOMY.

1, 2, 3. Astronomy. Descriptive, mathematical and historical astronomy. Three hours a week throughout the year. Elective for Seniors.

4. Spherical and Practical Astronomy. Three hours a week. Third term. Elective for Juniors and Seniors.

## XI. PHYSICS AND CHEMISTRY

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### Professor Loving

The instruction in this department will be by lectures, accompanied by experimental demonstrations of the principles under consideration. Frequent oral and written recitations will be held. Individual laboratory work is required.

#### A. PHYSICS.

1, 2. General Physics. The aim in this course will be to give the students an acquaintance with the general facts and principles of Physics, and the application of physical laws to the experiences and phenomena of daily life. Three hours a week. Second and third terms. Required of all Sophomores.

3, 4, 5. Advanced Physics. Special branches of Physics will be treated in greater detail than in Course 1 and 2. The subjects chosen will vary from year to year. This course is open only to students who have passed in Mathematics 4, 5 and 6, or who have done equivalent work. Three hours a week throughout the year. Elective for Juniors.

#### B. CHEMISTRY.

1, 2. General Chemistry. The work in this course will include a study of the more important elementary and compound substances. Three hours a week. First and second terms. Required of all Freshmen.

3, 4, 5. Organic Chemistry. The compounds of carbon. For students who have the medical profession or industrial pursuits in view. Three hours a week throughout the year. Elective for Juniors.

6, 7, 8. Qualitative and Quantitative Analysis. Lectures on Laboratory methods, Determination of substance of unknown composition. Chemical theory and development will be briefly treated. Three hours a week throughout the year. Elective for seniors.

## XII. MINERALOGY AND GEOLOGY

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### Professor Loving.

1. Mineralogy. Morphology, chemical and physical properties of crystals; rock-forming minerals and rock as mineral aggregates.



Origin, character, classification and distribution of minerals. Three hours a week. First term. Elective for Seniors.

2, 3. Geology. Cosmical, dynamic, structural, historical, physiographic and economic geology. Paleontology. Three hours a week. Second and third terms. Elective for Seniors.

### XIII. BIOLOGY

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Professor Robertson

1. General Botony. The structure and classification of plants. Three hours a week. Third term. Required of all Freshmen.

2. General Zoology. The structure, habits and classification of animals. Three hours a week. First term. Required of all Sophomores.

3. Invertebrate Zoology. Study of representatives of the principal invertebrate groups, especially the Arthropoda. Three hours a week. First term. Elective for Juniors.

4. General Morphology and Classification of Spermatophytes. Three hours a week. Second term. Elective for Juniors.

5. Continuation of Course 4. Classification and ecology of the dominant groups of spring plants. Three hours a week. Third term. Elective for Juniors.

6. Continuation of Course 5. Classification and ecology of the dominant groups of fall plants; pollination; elucidation of floral mechanisms; relations of flowers and insects. Three hours a week. First term. Elective for Seniors.

7, 8. Mammals. Classification, geographical distribution and geological succession of mammals. Three hours a week. Second and third terms. Elective for Seniors.

9. Anatomical Technology, Human Osteology, and the Anatomy of the Cat. Three hours a week. First and second terms. Elective for all qualified students.

### XIV. DOMESTIC SCIENCE AND ART

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1, 2, 3. Domestic Science. The chemistry and physics of cooking, composition of food, the combination of food required by the human body, physiological effects of various foods under varying con-

ditions; marketing, house ventilation and sanitation. Lectures, recitations and practical work. Elective for women of the Junior class. Three hours a week throughout the year. Professor ———.

4, 5, 6. Domestic Art. The history of costumes and house furnishings from ancient times to the present; how people dress and furnish their houses in various parts of this country and in foreign lands; the plan of houses; furnishing houses. Lectures, recitations and practical work. Elective for women of the Senior class. Three hours a week throughout the year. Professor ———.



## The Bachelor of Arts Course.

### Freshman Year.

#### Required.

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK	COURSES.	PERIODS A WEEK	COURSES.	PERIODS A WEEK.
English 1....	3	English 2....	3	English 3....	3
Latin 1.....	3	Latin 2.....	3	Latin 3.....	3
“ 14.....	1	“ 14.....	1	“ 14.....	1
Greek 1.....	3	Greek 2.....	3	Greek 3.....	3
“ 14.....	1	“ 14.....	1	“ 14.....	1
Biblical Lit. 1	2	Biblical Lit. 2	2	Biblical Lit. 3	2
Mathematics 1	4	Mathematics 2	4	Mathematics 3	4
Chemistry 1..	3	Chemistry 2..	3	Biology 1....	3

## Sophomore Year.

### Required.

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English 4.....	3	English 5.....	3	English 6.....	3
Latin 4.....	3	Latin 5.....	3	Latin 6.....	3
Greek 4.....	3	Greek 5.....	3	Greek 6.....	3
History 1.....	3	History 2.....	3	History 3.....	3
Biblical Lit 4.	2	Biblical Lit. 5	2	Biblical Lit. 6	2
Biology 2.....	3	Physics 1.....	3	Physics 2.....	3

### ELECTIVES.

Greek 13.....	$\frac{1}{2}$	Greek 13.....	$\frac{1}{2}$	Greek 13.....	$\frac{1}{2}$
" 15.....	$\frac{1}{2}$	" 15.....	$\frac{1}{2}$	" 16.....	$\frac{1}{2}$
*Latin 13.....	$\frac{1}{2}$	Latin 13.....	$\frac{1}{2}$	Latin 13.....	$\frac{1}{2}$
German 1.....	4	German 2.....	4	German 3.....	4
Mathematics 4	3	Mathematics 5	3	Mathematics 6	3
French 1.....	3	French 2.....	3	French 3.....	3

\*Either German 1, 2, 3, or Mathematics 4, 5, 6 must be taken this year.

Twenty periods a week is the maximum.

## The Bachelor of Science and the Bachelor of Philosophy Course.

### Freshman Year.

#### Required.

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English 1....	3	English 2.....	3	English 3.....	3
Latin 1.....	3	Latin 2.....	3	Latin 3.....	3
" 14.....	1	" 14.....	1	" 14.....	1
German 1.....	4	German 2.....	4	German 3.....	4
Biblical Lit 1	2	Biblical Lit. 2	2	Biblical Lit. 3	2
Mathematics 1	4	Mathematics 2	4	Mathematics 3	4
Chemistry 1..	3	Chemistry 1..	3	Biology 1.....	3

## THE BACHELOR OF SCIENCE COURSE.

### Sophomore Year.

#### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English 4.....	3	English 5.....	3	English 6.....	3
German 4.....	3	German 5.....	3	German 6.....	3
History 1.....	3	History 2.....	3	History 3.....	3
Biblical Lit. 4	2	Biblical Lit. 5	2	Biblical Lit. 6	2
Mathematics 4	3	Mathematics 5	3	Mathematics 6	3
Biology 2.....	3	Physics..... 1	3	Physics 2.....	3

#### ELECTIVES

*French 1....	3	French 2.....	3	French 3.....	3
Latin 4.....	3	Latin 5.....	3	Latin 6.....	3
Greek 13.....	$\frac{1}{2}$	Greek 13.....	$\frac{1}{2}$	Greek 13.....	$\frac{1}{2}$
Latin 13.....	$\frac{1}{2}$	Latin 13.....	$\frac{1}{2}$	Latin 13.....	$\frac{1}{2}$

\*Either French 1, 2, 3, or Latin 4, 5, 6 must be taken this year. Twenty periods a week is the maximum.

## THE BACHELOR OF PHILOSOPHY COURSE.

### Sophomore Year.

#### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English 4.....	3	English 5.....	3	English 6.....	3
Latin 4.....	3	Latin 5.....	3	Latin 6.....	3
German 4.....	3	German 5.....	3	German 6.....	3
History 1.....	3	History 2.....	3	History 3.....	3
Biblical Lit. 4	2	Biblical Lit. 5	2	Biblical Lit. 6	2
Biology 2.....	3	Physics 1.....	3	Physics 2.....	3

#### ELECTIVES

*French 1....	3	French 2.....	3	French 3.....	3
Mathematics 4	3	Mathematics 5	3	Mathematics 6	3
Greek 13.....	$\frac{1}{2}$	Greek 13.....	$\frac{1}{2}$	Greek 13.....	$\frac{1}{2}$
Latin 13.....	$\frac{1}{2}$	Latin 13.....	$\frac{1}{2}$	Latin 13.....	$\frac{1}{2}$

\*Either French 1, 2, 3 or Mathematics 4, 5, 6 must be taken this year. Twenty periods a week is the maximum.

# All Courses.

## Junior Year.

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
Philosophy 1.	3	Philosophy 2.	3	Philosophy 3.	3

### ELECTIVES

Philosophy 8.	2	Philosophy 9.	2	Philosophy 10	2
English 7.....	3	English 8 . . .	3	English 9 . . .	3
Latin 7.....	3	Latin 8.....	3	Latin 9.....	3
" 10.....	2	" 11.....	2	" 12.....	2
" 13.....	1/2	" 13.....	1/2	" 13.....	1/2
Greek 7.....	3	Greek 8.....	3	Greek 9.....	3
" 10.....	2	" 11.....	2	" 12.....	2
" 13.....	1/2	" 13.....	1/2	" 13.....	1/2
" 17.....	2	" 15.....	1	" 16.....	1
German 1 . . .	3	" 18 . . .	2	" 19 . . .	2
" 4 . . .	3	German 2 . . .	3	German 3 . . .	3
" 7 . . .	3	" 5 . . .	3	" 6 . . .	3
French 1.....	3	" 8 . . .	3	" 9.....	3
" 4.....	3	French 2.....	3	French 3.....	3
History 4.....	2	" 5.....	3	" 6.....	3
Mathematics 7	3	History 5.....	2	History 6.....	2
" 10	3	Mathematics 8	3	Mathematics 9	3
" 12	2	" 11	3	Astronomy 4.	3
Biology 3 . . .	3	" 13	2	Mathematics 14	2
Chemistry 3..	3	Biology 4 . . .	3	Biology 5.....	3
Physics 3.....	3	Chemistry 4..	3	Chemistry 5..	3
Dom. Sci. 1..	3	Physics 4....	3	Physics 5.....	3
		Domestic S. 2	3	Domestic S. 3	3

Enough courses must be elected to make from 17 to 20 periods a week. Candidates for the degree of Bachelor of Arts or Bachelor of Philosophy must elect not less than one-third nor more than two-thirds of their periods from the sciences. Candidates for the degree of Bachelor of Science must elect not less than two-thirds of their periods from the sciences.

Domestic Science 1, 2, 3, is open only to women.



## Senior Year.

### ELECTIVES

FIRST TERM.		SECOND TERM.		THIRD TERM.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
Philosophy 6.	3	Philosophy 7.	3	Philosophy 5.	3
Philosophy 8.	2	Philosophy 4.	2	Philosophy 10	2
Social Sci. 1.	3	" 9.	2	Social Sci. 3.	3
History 7.	2	Social Sci.	3	History 9.	2
Latin 7.	3	History 8.	2	History 9.	2
" 10.	2	Latin 8.	3	Latin 9.	3
" 13.	$\frac{1}{2}$	" 11.	2	" 12.	2
Greek 7.	3	" 13.	$\frac{1}{2}$	" 13.	$\frac{1}{2}$
" 10.	2	Greek 8.	3	Greek 9.	3
" 13.	$\frac{1}{2}$	" 11.	2	" 12.	2
" 17.	1	" 13.	$\frac{1}{2}$	" 13.	$\frac{1}{2}$
English 10.	3	" 15.	1	" 16.	1
German 4.	3	" 18.	2	" 19.	2
" 7.	3	English 11.	3	English 12.	3
French 4.	3	German 5.	3	German 6.	3
Mathematics 12	2	" 8.	3	" 9.	3
Astronomy 1.	3	French 5.	3	French 6.	3
Chemistry 6.	3	ematics 13	2	Mathematics 14	2
Mineralogy 1.	3	Astronomy 2.	3	Mathematics 3.	3
Biology 6.	3	Mathemat's 11	3	Astronomy 4.	3
Domestic Art 1	3	Chemistry 7.	8	Chemistry 8.	3
		Geology 2.	3	Geology 3.	3
		Biology 7.	3	Biology 8.	3
		Domestic Art 2	3	Domestic Art 3	3

Enough courses must be elected to make from 17 to 20 periods a week. Candidates for the degree of Bachelor of Arts or Bachelor of Philosophy must elect not less than one-third nor more than two-thirds of their periods from the sciences. Candidates for the degree of Bachelor of Science must elect not less than two-thirds of their periods from the sciences.

Domestic Art 1, 2, 3, is open only to women.



## Special Students.

Students who do not see their way clear to enter a regular class are permitted to elect such courses of study as they are qualified to pursue successfully.



# Courses of Instruction by Departments.

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## ACADEMY.

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### I. LATIN.

The work of this department is designed to give such a foundation in Latin that students may pursue with profit and pleasure the advanced work in the College. At the same time, however, the point is not lost sight of that the study of Latin in a secondary school may contribute materially to the formation of a rich English style. Emphasis is laid upon a correct, idiomatic, English translation. Still further, the literary features of the more advanced work, as of Cicero, Ovid, and Virgil are not neglected.

1, 2, 3. Beginning Latin. The first two terms are devoted to the mastery of some first year Latin book. Special attention is given to pronunciation, inflections, and the fundamental constructions of the language. In the third term Book II, of Cæsar's Gallic Wars, is read. Latin composition both oral and written. Five hours a week throughout the first year.

4, 5, 6. Cæsar and Cicero. Gallic Wars, Books I, III, and IV, and the four orations against Catiline. Drill in the development of a vocabulary and the enlargement of the student's knowledge of syntax. A study of the lives of Cæsar and Cicero, and contemporary history. Latin composition. Five hours a week throughout the second year.

7. Cicero and Ovid. Oration for Archias, and the Manilian Law. Selections from Ovid with drill in scansion. Latin composition and reading at sight. Five hours a week. First term of the third year.

8, 9. Virgil. The Aeneid, Books I-VI. Careful attention given to the structure of the verse with the scansion of long sections. Informal lectures upon the Epic, life of Virgil, and the Augustan Age. Latin composition and reading at sight. Five hours a week. Second and third terms of the third year.

### II. GREEK.

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course, that is, have studied both Latin and Greek, have generally

surpassed in vigor of thought and finish of style their fellows who have neglected one or both of the classics. This department while not requiring the time devoted to Latin is regarded as of equal value, and students are urged to take the one year course that they may pursue both to their pleasure and profit the courses offered in the College department of Greek.

A. B. C. Elementary Greek. The same as Greek A. B. C. in the College. Five hours a week throughout the third year. Required of all students intending to matriculate for the degree of Bachelor of Arts.

### III. GERMAN.

The work in this department aims to meet the need of students to read German as ordinarily required for admission to college, and also to enable them to converse intelligently in the language.

1. Elementary German. The natural method will be used, and the class work conducted entirely in German. Worman's First German Book, or a similar work will be followed. Daily dictations. Five hours a week. First term of the third year. Required of all students who do not take Greek.

2, 3. Elementary German, continued. A German grammar, such as is used in the German Gynmasien, will be used. Writing short descriptions in German. Selections for reading from Wendt's Lesebuch I. Five hours a week. Second and third terms of the third year. Required of all students who do not take Greek.

### IV. ENGLISH.

The work in this department aims to familiarize the students with the best English and American literature, and to develop within them a taste for it. At the same time thorough drill is given in the foundations of the English language with the aim to enable the students to express themselves accurately and easily in their mother-tongue.

1, 2, 3. Advanced Grammar. Composition and Rhetoric. Study of the short story. Readings from selected American authors. Five hours a week throughout the first year.

4, 5, 6. Composition and Rhetoric. Selections from both English and American classics. Five hours a week throughout the second year.

7, 8, 9. English Authors. Reading both in private and in the class of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. Theme work. Three hours a week throughout the third year.

## V. HISTORY.

This department aims not to cram students with unrelated facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the race of which those events are but the index.

1. American History. The discovery of North America, its occupation and colonization; progress of the colonies until 1765. Text-book and recitations. Reading from larger works upon American history is encouraged. Two hours a week. First term of the first year.

2. American History. Difficulties of the colonies with the mother-country, the struggle for independence, the confederacy, the constitution, and the United States under the constitution until the close of the second war with Great Britain. Text-book, recitations, and supplementary reading. Two hours a week. Second term of the first year.

3. American History. National progress after 1815, rise and decay of political parties, material development and expansion; Mexican and Civil wars, recent progress and events. Text-book, recitations, and supplementary reading. Two hours a week. Third term of the first year.

4. English History. From the earliest times to the accession of Henry VII., together with important events and persons upon the Continent. Text-book with parallel readings in larger works. Three hours a week. First term of the second year.

5. English History. From 1485 to the accession of George III. with brief treatment of contemporary events and persons on the Continent. Text-book with parallel readings in larger works. Three hours a week. Second term of the second year.

6. English History. From 1760 until the present time with as full treatment of contemporary movements on the Continent as time will permit. Text-book with supplementary readings in larger works. Three hours a week. Third term of the second year.

7. Ancient History. History of ancient nations down to and including the beginnings of Greek history. Text-book and supplementary readings in larger works. Two hours a week. First term of the third year.

8. History of Greece. As complete a survey of Greek history as time will permit together with the beginnings of Roman history. Text-book and additional readings in larger works. Two hours a week. Second term of the third year.

9. History of Rome. The Roman Republic and Empire until the year 476 A. D. Text-book, supplementary readings in larger works, outlines. Two hours a week. Third term of the third year.

## VI. MATHEMATICS.

The aim of this department is to fit students to carry on their work successfully in college and technical schools, or to meet the requirements of business. Thoroughness is the key-note.

1, 2, 3. Drawing. Sufficient instruction is given to enable the students to draw with facility and neatness such figures as may be required in the study of Mathematics, Physics, Astronomy, and the other sciences. One hour a week throughout the first year.

4, 5, 6. Arithmetic. Instruction in this course has in view the previous preparation and present aims of the students. It is designed to be especially helpful to those who expect to teach. Five hours a week throughout the first year.

7, 8, 9. Algebra. Beginning Algebra as far as Quadratics. Five hours a week throughout the second year.

10, 11, 12. Plane and Solid Geometry. The usual theorems with special emphasis upon the original exercises. Four hours a week throughout the third year.

## VII. SCIENCE.

The work in this department is designed to introduce students to some of the simpler phenomena of the world viewed scientifically, and thus to put them in touch with the great field of science and pave the way for appreciative and profitable work in advanced courses in colleges or technical schools.

The instruction in Geography in particular aims not merely to familiarize students with the grand divisions, countries, and states in the world, but more especially to enable them to see the relations between the configuration of the earth's surface and the great historical and economic movements.

1. Geography. This course is designed as a special preparation for the study of history. Text-book, maps, globes. Two hours a week. First term of the first year.

2, 3. Physical Geography. Special emphasis laid upon the influence of physical conditions upon the history of nations. This course is designed to be especially helpful as the basis for later study of Biology and Geology. Two hours a week. Second and third terms of the first year.



# COURSES BY YEARS.



FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
COURSES.	PERIODS A WEEK	COURSES.	PERIODS A WEEK	COURSES.	PERIODS A WEEK
English 1, 2, 3...	5	English 4, 5, 6...	5	English 7, 8, 9...	3
Latin 1, 2, 3...	5	Latin 4, 5, 6...	5	Latin 7, 8, 9...	5
History 1, 2, 3...	2	History 4, 5, 6...	3	*Greek A, B, C..	5
Mathematics 1, 2, 3.	1	Mathematics 7, 8, 9.	5	German 1, 2, 3...	5
" 4, 5, 6.	5	Science 4, 5, 6...	2	History 7, 8, 9...	2
Science 1, 2, 3...	2		—	Mathematics 10, 11, 12	4
	—		20	Science 7, 8, 9...	2
			20		—
					21

All courses as here indicated are required.

\*Those who take Greek A, B, C, do not take German 1, 2, 3 and vice versa.

# MUSIC

## Piano Course

### FIRST GRADE.

- Studies..... { Standard Grade Course—W. S. B. Matthews.  
Wieck.  
Scales.
- Compositions... { Exercises in writing notes and transposition.  
Kleinmichel: Clavier Spielen, (4 hands), 1st book.  
Gurlitt: op. 18, (4 hands); Low, Dennee, Sartorio,  
(4 hands).

### SECOND GRADE.

- Studies..... { Duvernoy: op. 120—3 books.  
Scales and Arpeggios.  
Czerny.  
Minor Scales.  
Schmoll: Execution, Phrasing, Expression.
- Compositions... { Clementi, Kuhlman, Lange and Burgmüller.  
Concone, Sartorio, Heins, Lichner, Dennee.

### THIRD GRADE.

- Studies..... { Bach: Twelve Little Preludes.  
Heller: Opus 47, 46, 45.  
Mason's Touch and Technic.  
Lœschorn: op. 66, 3 books.  
Minor Scales.
- Compositions... { Selections from Schubert, Weber, Mozart, Beeth-  
oven, (4 hands).  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.

### FOURTH GRADE.

- Studies..... { Bach: Two Part Inventions.  
Czerny: op. 740.  
Taussig: Daily Studies.  
Jensen: Characteristic Studies, op. 32.
- Compositions... { Schubert: Marche, (4 hands).  
Grieg, Henselt, Chopin, Chaminade.  
Schubert, Rubenstein, Leschetizky.  
Moscowski, Handel.



FIFTH GRADE.

- Studies..... { Bach: French Suites.  
Bach: Suites Anglaises.  
Heller. Art of Phrasing, op. 6.  
Clementi: Gradus ad Parnassum.  
Kullak: Octave Studies.  
Moschelle: op. 70.
- Compositions... { Beethoven, Schubert, Schuman.  
MacDowell, Chopin.  
Moskowski, Meyer-Helmund.  
William Mason.

SIXTH GRADE.

- Studies..... { Chopin: op. 0....op. 25.  
Bach, Vogrich.
- Compositions... { Brahms, Heller, Wagner.  
Liszt, Chopin, Schuman.  
Steiner's Harmony.  
Filmore's History of Music.

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Vocal Course

First Grade.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger and Concone.

Second Grade.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

Third Grade.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies of Sieber, Marchesi, Lamperti. More difficult songs. Church music.

Fourth Grade.

More advanced studies for equalizing the voice in all registers, broadening the technique and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

Pupils' recitals are held on the third Saturday of each month.

## Text-Books.

### For the Academy.

[These lists are not rigid but suggestive. They are subject to change each year. Students are advised not to buy text-books without consulting with the instructors.]

#### LATIN.

First Year Latin: Collar and Daniell.  
New Caesar: Allen and Greenough.  
New Cicero: Allen and Greenough.  
New Virgil: Allen and Greenough.  
A Term of Ovid: Gleason.  
First Latin Writer: Abbott.  
Latin Composition: Bennett.  
New Latin Grammar: Allen and Greenough.

#### GREEK.

First Greek Book: White.  
Anabasis: Goodwin and White.  
Greek Composition: Collar and Daniell.

#### ENGLISH.

Grammar: Langman.  
Elements of English Composition: Kittredge and Arnold.  
Introduction to American Literature: Matthews.  
Riverside Literature Series.

#### GERMAN.

First German Book: Worman.  
Lesebuch I.: Wendt.  
German Grammar: Such as is used in a German Gymnasium.

#### HISTORY.

History of United States: Adams and Trent.  
Leading Facts of English History: Montgomery.  
Ancient History: Botsford.

#### MATHEMATICS.

New Arithmetic: Eaton.  
Essentials for Beginning Algebra: Wells.  
Revised Plane and Solid Geometry: Wentworth.

#### SCIENCE.

Physical Geography: Tarr.  
Human Body: Martin.  
Animal Life: Jordan and Kellogg.  
Plants: Coulter.  
Physics: Carhart and Chute.

### For the College.

#### PHILOSOPHY.

Logic: Creighton.  
Psychology: James. [Briefer Course.] Bowne.  
Ethics: Thilly, Bowne, Janet, Seth.  
History of Philosophy: Weber.  
Philosophy of Religion: Lotze.

#### ENGLISH.

Advanced Rhetoric: Genung.  
Principles of Argumentation: Baker.  
First Book in Old English: Cook.  
English Literature: Arnold.  
American Literature. Bronson.  
Selected English and American Classics.

SOCIAL SCIENCE.

Outlines of Practical Sociology: Wright.

Political Economy: Fetter.

LATIN.

Livy: Lincoln.

Cicero's Letters: Kirkland.

Tacitus [Germania and Agricola]: Allen.

Horace, Odes and Epodes: Smith.

Horace, Satires and Epistles: Greenough.

Catullus: Merrill, or Crowell.

Latin Literature: Mackail.

Latin Writing: Mather and Wheeler.

New Latin Grammar: Allen and Greenough.

Private Life of Romans: Johnston.

GREEK.

Anabasis: Goodwin and White.

Hellenica: Manatt.

Lysias: Bristol.

Iliad: Keepe.

Odyssey: Perrin.

Herodotus: Merriam.

Plato, [Crito and Apology]: Dyer.

Sophocles, [Antigone]: D'Ooge.

Demosthenes, [Philippics]: Tabbell or Tyler.

Plato, [Republic]: Warren.

Lyric Poets: Tyler.

Aristophanes, [Clouds]: Humphreys.

Greek Testament: Wescott and Hort.

Greek Grammar: Goodwin.

Greek Composition: Collar and Daniell.

Home Life of the Ancient Greeks: Blimner.

BIBLICAL HISTORY AND LITERATURE.

History of the Hebrew People: Kent.

The Literary Study of the Bible: Moulton.

Modern Reader's Bible: Moulton.  
The Life and Times of Jesus: Edersheim.

HISTORY.

History of Greece: Botsford.

History of Rome: Botsford.

Mediaeval Europe: Adams and Emerton.

Modern Europe: Thatcher and Schwill.

Elements of English Constitutional History: Montague.

The American Government: Hinsdale.

FRENCH.

French Grammar: Frazer and Squair.

French Reader: Rollins.

Colomba: Merimee.

Eugenie Grandet: Balzac.

Le Siege de Paris: Sarcey.

Historie de la litterature: Demoguet.

Classics: Selected Editions.

GERMAN.

Deutsche Sprachlehre: Sanden.

Satz-und Formenlehre: Prigge.

Deutsches Lesebuch: von Hopf-und Paulsiek.

Geschichte der deutschen Litteratur: von Leixner.

Classics: Selected Editions.

MATHEMATICS AND ASTRONOMY.

Higher Algebra: Downey.

New Plane and Spherical Trigonometry, and Surveying: Wentworth.

Analytical Geometry: Nichol.

Differential and Integral Calculus: Osborne.

Differential Calculus, [Problems]. Byerly.

Integral Calculus: Byerly.

Surveying: Pease and Ketchum, Determinants and Theory of

Equations: Barton.

Manual of Astronomy: Young.

PHYSICS AND CHEMISTRY.

Advanced Physics; Carhart.  
Laboratory Manual: Chute.  
Elements of Chemistry; Remsen.  
Experimental Chemistry: Newell.

MINERALOGY AND GEOLOGY.

Text-book of Mineralogy: E. S. Dana.  
Educational Series of Rocks: Diller.  
Revised Text-book of Geology: J. D. Dana.  
Elementary Paleontology: Woods.

BIOLOGY.

Botany: Leavitt's Outlines, etc.  
Gray's Manual.  
Zoology: Elements etc: Needham.  
Principles: Claus and Sedgwick.  
Manual for Study of Insects: Comstock.  
Osteology: Gray's Anatomy etc.  
Anatomy of the Cat: Reighard and Jennings.  
Anatomical Technology: Wilder and Gage.



### Requirements for Admission.

Any student fourteen years of age, of good moral character, who has graduated at a high school or academy having a course of study equal or equivalent to the course offered in Blackburn Academy, may be admitted to the Freshman class of the College. Candidates for advanced standing are examined in the studies pursued in the class they wish to enter. Students coming from other colleges must present certificates of honorable dismissal.

Any student twelve years of age who has successfully completed the eighth grade in the public schools may be admitted to the Academy. Students who have completed a portion of a high school course may be admitted to advanced standing in the Academy.

### Degrees

The College confers the degrees of Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science, according to the course of study pursued by the student. The Master's degree may be obtained by pursuing specified courses of study after graduation, amounting to a year's work.

### Prizes

A gold medal is annually awarded that student of the college making the highest average grade.

A prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 1st.

A prize of fifteen dollars is annually awarded to the member of the Freshman class who passes the best examination in Greek, the examination being held the first Saturday in October.

A prize of fifteen dollars is annually awarded to the member of the Freshman class who passes the best examination in Latin, the examination being held the last Saturday in September.

### Societies

The Young Men's and the Young Women's Christian Association hold weekly meetings throughout the year.

Two literary societies are conducted by the young men and one society is conducted by the young women for training in debate, oratory, declamation, essay writing and parliamentary law. "The Blackburnian" is published monthly by the members of these societies.

The Blackburn Oratorical Association is a part of the State Inter-Collegiate Association and is represented annually in the state oratorical contest.

### Equipment and Location

The work of the College is carried on in two principal buildings located in the midst of a beautifully shaded campus. The library contains about 5,000 volumes. The laboratories are equipped with the usual apparatus for instruction in the several sciences. The mineralogical and geological cabinet is one of the finest in the State. The observatory, equipped with telescope, renders the instruction in astronomy practical.

The College is located in the northeastern part of the town of Carlinville, county seat of Macoupin county, 60 miles north of St. Louis and 40 south of Springfield on the main line of the Chicago & Alton railroad. The electric line from Decatur and Springfield through Carlinville, together with the Q., C. & St. L. railroad operated by the Chicago & Alton Company gives the town easy communication with neighboring counties and cities.

### Room and Board.

Young men find rooms in the main building of the college; also board if they desire. A Home has been provided for young women coming from out of town—a home which will be presided over by a lady of high social standing who has thorough training in Domestic Science



and Art. She will teach these subjects in the College, and in the Home she will put her knowledge of these important branches into practice.

### Expenses.

Tuition for the year is \$40 in the Academy and \$50 in the College. Tuition in music is extra. Room rent ranges from \$12 to \$21 a year according to location. Board can be obtained at from \$2 to \$3.50 a week as preferred. A laboratory fee of \$2 is paid by students pursuing certain scientific branches.

### Board of Trustees.

#### Trustees

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CORPORATE NAME: THE BLACKBURN UNIVERSITY.

For additional information see the general catalogue, or address the president.





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**The Democrat Print**  
**Carlinville, Illinois**  

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1905-1906

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OF

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FORTY-THIRD YEAR

1905-1906



CARLINVILLE, ILL.  
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1906

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CARLINVILLE DEMOCRAT PRINT  
Carlinville, Illinois

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# Calendar, 1905=1906

## 1905.

- September 13.*      *Wednesday.*    ACADEMIC YEAR BEGINS.
- September 13.*      *Wednesday.*    Registration of Students and Examinations.
- September 14.*      *Thursday.*    Recitations begin.
- September 30.*      *Saturday.*    Examination in Greek for the Department Prize.
- October 14.*        *Saturday.*    Examination in Latin for the Department Prize.
- November 30-December 1.*    *Thursday and Friday.*

## THANKSGIVING RECESS.

- December 19-22.*    *Tuesday to Friday.*    Term Examinations.
- December 23, 1905, to January 2, 1906.*    *Saturday to Tuesday inclusive.*

## CHRISTMAS RECESS.

## 1906.

- January 3.*        *Wednesday.*    SECOND TERM BEGINS.
- January 25.*       *Thursday.*    Day of Prayer for Colleges.
- February 22.*      *Thursday.*    Washington's Birthday.
- March 24-28.*      *Saturday to Wednesday.*    Term Examinations.
- March 29, to April 3.*    *Thursday to Tuesday inclusive.*

## SPRING RECESS.

- April 4.*        *Wednesday.*    THIRD TERM BEGINS.
- May 30.*        *Wednesday.*    Memorial Day.
- June 6-9*        *Wednesday to Saturday.*    Term Examinations.
- June 10.*        *Sunday.*    Baccalaureate Sermon. Macoupin County Court House, 10:30 A. M.

- June 10.*           *Sunday.* Annual Sermon before the Y. M. C. A. and the Y. W. C. A. Macoupin County Court House, 8 P. M.
- June 11.*           *Monday.* Oratorical Contest. Macoupin County Court House, 8 P. M.
- June 12.*           *Tuesday.* Annual Meeting of the Board of Trustees. 10 A. M.
- June 12.*           *Tuesday.* Graduating Exercises of the Senior Class of the Academy. College Chapel, 2:30 P. M.
- June 12.*           *Tuesday.* Annual Address before Literary Societies. Macoupin County Court House, 8 P. M.
- June 13.*           *Wednesday.* FORTY-THIRD ANNUAL COMMENCEMENT (second Wednesday in June): Macoupin County Court House, 8 P. M.
- June 13.*           *Wednesday.* President's Reception, 8 P. M.

## SUMMER VACATION.

- September 5.*       *Wednesday.* Last day for undergraduates to hand in their lists of electives for the First Term.
- September 10-11.*   *Monday and Tuesday.* Registration of new and old Students.
- September 12.*       *Wednesday.* ACADEMIC YEAR BEGINS.
- September 29.*       *Saturday.* Examination in Greek for the Department Prize.
- October 6.*           *Saturday.* Examination in Latin for the Department Prize.
- November 29-30.*   *Thursday and Friday.*

## THANKSGIVING RECESS.

- December 14.*       *Friday.* Last day for handing in lists of electives for the Second Term.
- December 19-21.*   *Wednesday to Friday.* Term Examinations.
- December 22, 1906, to January 2, 1907.* *Saturday to Wednesday inclusive.*

## CHRISTMAS RECESS.

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# History of Blackburn College

In 1835, the Rev. Gideon Blackburn, D. D., a Presbyterian minister residing in Carlinville, Illinois, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of the early colleges in New England and the East, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry, by giving them such instruction in the Holy Scriptures as might enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Since the United States Government at that time was placing upon the market large tracts of land in this region, Dr. Blackburn volunteered to give his personal services in entering land for the friends of the cause on the following terms: Two dollars were to be paid him for each acre entered; of this amount he was to pay one dollar and a quarter an acre for the land, reserve twenty-five cents for his own services, and invest the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds sufficient to enter a fraction over 16,656 acres for the College. These lands were situated chiefly in Macoupin and Montgomery Counties.

To secure the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College buildings.

These lands were all entered in Dr. Blackburn's name, but in May, 1837, he deeded them to certain trustees for the purpose of founding and maintaining the institution which he had originally planned. In 1851, the trustees, acting in accordance with the instructions of the deed, obtained a charter from the legislature.

Soon after the charter was obtained, the Rev. John C. Downer was chosen financial agent, and A. McKim Dubois, Esq., treasurer, while a building also was erected on the present site at a cost of \$12,000. In 1859 a primary school was opened in this building with Mr. Downer as principal and Mr. Clarke as assistant, the latter doing most of the teaching. This school continued for two

years, but since the number of students was small, the building was closed in 1861 and stood vacant for a year.

In the autumn of 1862, Mr. Robert B. Minton became principal of the school and employed Mr. Homer Love to assist him in teaching. Their efforts to inspire confidence in the institution and to secure students were successful, since the records show that as many as thirty-eight pupils were in attendance at one time during the year. From that time until the present the school has continued without interruption, and to-day as Blackburn Academy, is a vital part of the institution.

In the year 1864-65, a full collegiate course of study, both classical and scientific, was adopted; young women were admitted to all the classes with the same privileges as young men; and the first catalogue was printed.

At the beginning of the academic year in September, 1867, the Rev. John W. Bailey, D. D., was elected Blackburn professor of theology, and the theological department was organized. This department continued for many years, and although the number of students in it was not large, nevertheless those who graduated have served, and are serving, the Presbyterian church in a large way. During this year, also, the building was enlarged and improved at an expense of \$35,000.

In the following year, the legislature, by request of the Trustees, changed the name of the institution from Blackburn Theological Seminary to Blackburn University which has continued to be the official name down to the present time.

With the enlargement of the faculty and the increase in the number of students, it became necessary for the institution to have an official head. Consequently Professor Bailey was appointed president in 1871. He discharged the duties of that office until 1876, and, after the lapse of a year, was succeeded by the Rev. E. L. Hurd, D. D., who served until 1891. Under his management the College maintained its place among the educational institutions of Illinois.

In the autumn of 1891, Richard Edwards, LL. D., ex-Superintendent of Public Instruction in Illinois, was called to the presidency and continued in that position for two years. At the end of that time, however, ill-health compelled him to withdraw

from the responsibilities which, during his term of office, he had discharged with marked advantage to the College.

The next president was the Rev. James E. Rogers, D. D., of Chattanooga, Tenn. He fulfilled the requirements of his position with credit to himself and profit to the institution from June, 1893 until 1896, when he was called to the pastorate of the Third Presbyterian Church of Springfield, Illinois, where he is still laboring.

After a year's time, during which Professor W. H. Crowell was the acting president, the Rev. Walter H. Bradley, Ph. D., who for several years had been a member of the faculty, was appointed dean, and for eight years guided the College through one of its most critical periods. Too much cannot be said in praise of the tact, patience, and perseverance which Dr. Bradley displayed in the conduct of the affairs of the institution during his administration.

In the autumn of 1904, the Rev. Thomas W. Lingle, Ph. D., was chosen financial agent. The energy he displayed and the success he attained in his field, together with his recognized ability as an educator, led to his election as president in June, 1905. Under his management the whole institution has advanced along lines already well established, and has also begun to develop in new directions, thus giving promise of ultimately realizing, in large measure, the ideals of its founders. The faculty has been enlarged and strengthened. Steps have been taken to secure an increased endowment of \$100,000. Success seems assured since a large sum has already been pledged. Mention may also be made of several bequests, promised during the past year, which, when available, will be of material advantage to the institution. A dormitory for young women has been opened, and courses in domestic science and art have been given throughout the year. The number of students has increased forty per cent. The prospects for large usefulness were never better.

## THE CHARTER

An act to Incorporate "Blackburn Theological Seminary."

Whereas, the Rev. Gideon Blackburn, D. D., by his Deed of May thirty-first, A. D. 1837, conveyed to certain Trustees therein

named, certain Real Estate in the State of Illinois, requiring the said Trustees, or the Trustee or Trustees who may be chosen to succeed them, to use their best efforts to procure an Act of the Legislature of this State to Incorporate an Institution of Learning, the object of which shall be to promote the general interests of education, and to qualify young men for the office of the Gospel Ministry by giving them such instruction in the Holy Scriptures as may enable them to perform the duties of that high and holy vocation acceptably and usefully in the world; now, therefore,

SECTION I. Be it enacted by the People of the State of Illinois, represented in the General Assembly, that David A. Smith, Albert Hale, James C. Conkling, John C. Downer, A. McKim DuBois, John M. Palmer, Philander Braley, Augustus T. Norton, Robert W. Patterson, William H. Brown, Edward H. Johnston, and Anderson M. Blackburn, the present Trustees under the said Deed, be and they are hereby constituted a body corporate and politic, by the name and style of "Blackburn Theological Seminary;" and by that name may sue and be sued, plead and be impleaded in all courts and places where justice is administered; shall have perpetual succession; may acquire by purchase, gift, devise or otherwise, any and all, estate, real, personal or mixed, that may be necessary to carry out the purposes herein before expressed: and may sell and convey any estate that they may possess or hereafter acquire, at their pleasure; may have, use and alter a common seal; shall make such by-laws for the regulation of the Institution as may to them, or a majority of them, seem best designed to promote its highest interests and success; shall prescribe the System of Theology to be taught, and the Course of Studies to be pursued in said Institution and in the Preparatory Departments attached thereto; fix the rates of tuition and other necessary expenses; appoint professors and such other officers and agents as may be needed in managing the concerns of the Institution; define their duties, powers and employments, fix their compensation, or remove them from office; shall erect necessary buildings, purchase books and other suitable means of instruction; and make rules for the general management of the affairs of the Institution, and the regulation of the conduct of the students.



SECTION II. The Trustees shall have power as often as a Trustee shall remove from the State, die, resign or be removed from office, to fill the vacancy by some resident of the State; and shall have power to remove any Trustee from his office for dishonorable or criminal conduct.

*Provided*, That no such removal shall take place without giving to such Trustee notice of the charges exhibited against him, and an opportunity to defend himself before the Board, nor unless two-thirds of the whole number of Trustees for the time being shall concur in such removal.

SECTION III. Said Trustees shall have power to require from any and all officers appointed by them, bonds with sufficient security for the faithful performance of their duties.

SECTION IV. A majority of the Board convened at any regular meeting, shall be a quorum for the transaction of business.

SECTION V. No applicant for the benefits of the Institution, who is a professor of religion in any of the generally acknowledged Protestant denominations, shall be excluded from the same on account of denomination; but immorality of conduct shall always be a justifiable ground of exclusion.

SECTION VI. All property, real, personal or mixed, of said Incorporation, shall be forever free from taxation from all and every purpose whatever.

NOTE. After the adoption of the new Constitution of this State this section was tested. An appeal was carried from Chicago to the Supreme Court of the United States and a decision obtained "that all such charters as this must be respected by the State, and if unforfeited, they exempt the Institution from taxation forever."

SECTION VII. Upon acceptance of this Act of Incorporation by the Trustees under the Deed of the said Gideon Blackburn, they shall immediately transfer all the lands and other property now in their name or possession to the Corporation hereby created; and all suits to which they are parties, pending at the time of such transfer, shall be prosecuted to final termination in the name of said Corporation, as if such transfer had not been made.

SECTION VIII. This Act shall take effect and be in force from and after its passage.

SAMUEL HOLMES,

Speaker of the House of Representatives

JOHN WOOD,

Speaker of the Senate

Approved February 13th, 1857.

WM. H. BISSELL.



# REQUIREMENTS FOR ADMISSION

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismissal.

Students from academies and high schools, whose courses of study have been approved by the Faculty, will be admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received *will be considered probationary*, and students manifestly deficient in preparation may be at any time dropped from the class.

School boards or principals, who wish to have students admitted on diploma or certificate, are requested to correspond with the Dean.

## ENGLISH.

The requirements for admission to Freshman English are: (a) ability to read intelligently and appreciatively a piece of literary English no more difficult than the works named below; (b) familiarity with the subject matter, logical structure and the style of the works prescribed by the Committee on Uniform Entrance Requirements in English; (c) ability to write accurately and clearly upon simple subjects of human interest, as well as upon the literary pieces presented for entrance.

No student will be admitted whose written work shows a marked deficiency in English Grammar, or English Spelling.

List of books required for Uniform College Entrance Examinations in English for the years 1906-1911.

1906-1908.

## READING AND PRACTICE.

Shakespeare's Merchant of Venice and Macbeth; The Sir Roger de Coverley Papers in "The Spectator;" Scott's Ivanhoe and Lady of the Lake; George Eliot's Silas Marner; Coleridge's Ancient

Mariner; Lowell's *The Vision of Sir Launfal*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*; Irving's *Life of Goldsmith*.

#### STUDY AND PRACTICE.

Macaulay's *Essay on Addison*, *Life of Johnson*; Burke's *Speech on Conciliation with America*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Shakespeare's *Julius Caesar*.

1909-1911.

#### READING AND PRACTICE.

Group I (two to be selected). Shakespeare's *As You Like It*, *Henry V.*, *Julius Caesar*, *Merchant of Venice*, *Twelfth Night*.

Group II (one to be selected). Bacon's *Essays*, Bunyan's *"Pilgrim's Progress, Part I"*; The Sir Roger de Coverley Papers in *"The Spectator;"* Franklin's *Autobiography*.

Group III (one to be selected). Chaucer's *Prologue*; Spenser's *Faerie Queene* (selections); Pope's *Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns.

Group IV (two to be selected). Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe* and *Quentin Durward*; Hawthorne's *The House of Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dicken's *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group V (two to be selected). Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc*, and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

Group VI (two to be selected). Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa*, and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tenny-

son's Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad; Home Thoughts from the Sea, Incidents of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides.

#### STUDY AND PRACTICE.

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's Speech on Conciliation with America; or, Washington's Farewell Address; and, Webster's First Bunker Hill Oration; Macaulay's Life of Johnson; or, Carlyle's Essay on Burns.

#### LATIN.

ELEMENTARY LATIN. *a.* 1. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse and the subjunctive.

2. Latin Composition: Translation into Latin of easy English sentences.

*b.* Caesar: Any four books of the *Gallic War*, preferably the first four, or the first three and selections from Sallust.

INTERMEDIATE LATIN. *a.* Cicero: Any six orations from the following list, preferably the first six: The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.

*b.* Ovid. Twenty-five hundred lines. Prosody. Mythology.

ADVANCED LATIN. *a.* Virgil: The first six books of the *Aeneid*, or the first five books and the *Eclogues*. Prosody. Mythology.

*b.* Advanced Composition. Translation into Latin of continuous passages based upon Caesar, Nepos, and Cicero.

Students who wish to matriculate for the degree of Bachelor of Science need present only ELEMENTARY LATIN.

#### MATHEMATICS.

ARITHMETIC. It is taken for granted that students, applying for admission to college, have had such training in arithmetic as

will enable them to carry through the necessary calculations in the higher branches of mathematics with facility and precision.

ALGEBRA. The requirements in this subject include factors, common divisors, and multiples; fractions, radicals, and the extracting of roots, putting of questions into equations, the reduction of equations of the first degree, the ordinary methods of elimination, and the solution of both numerical and literal equations with one or more unknown quantities.

It is important that candidates for admission should have acquired a thorough knowledge, not only of the practice, but also of the reasons involved in the elementary algebraic rules. They should also be able to use readily the more important formulae.

PLANE GEOMETRY. Instruction in this subject should embrace the propositions contained in the ordinary treatises of geometry. Much attention should also be given to original propositions and problems in mensuration.

Teachers of geometry should lay stress on accuracy of statement and elegance of form as well as on clear and strict reasoning. They should avoid mere memory work, and should take special care in the proof of a proposition that no lines be drawn unless their construction is proved to be possible. At least a year of either four or five hours a week should be given to this subject.

SOLID GEOMETRY AND PLANE TRIGONOMETRY. The equivalent of the solid and spherical geometry given in Wentworth's *Solid Geometry*, omitting the portion dealing with regular polyhedrons, and the equivalent of Wentworth's *New Plane Trigonometry* will be accepted as one point for admission.

#### GREEK.

ELEMENTARY GREEK. Preparation in this subject means the mastery of some first year book, as White's. Emphasis should be laid upon the inflected forms, the verb, the mastery of at least eight hundred or a thousand common Attic words, word-formation, and the simpler rules of syntax. Some attention should also be given to sight reading in easy Greek prose.

ADVANCED GREEK. In case two years of Greek are presented, then in addition to *Elementary Greek*, at least Books I-IV of Xenophon's *Anabasis* should be read carefully, with emphasis upon



construction, translation at sight, and the more important historical matters connected with the "march inland." The writing of *connected* Greek prose should also be a part of the preparatory work.

### FRENCH.

**ELEMENTARY.** Students who wish to present this subject for admission should devote at least three hours a week for a year in preparation. They should be proficient in elementary French grammar, which means familiarity with the following topics: Inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive construction, the inflection of the regular verbs, and of such irregular verbs as *dire*, *faire*, and the classes represented by *ouvrir*, *sentir*, *venir*, *paraître*, *conduire*, and *craindre*. They should also be able to translate simple prose at sight, to pronounce French and to recognize French words and simple phrases when spoken. Careful attention should be given to the fluent and intelligent reading aloud of the French texts used in the class room.

**ADVANCED.** Students who desire to present advanced French should have had, in addition to elementary French, the equivalent of French 1, 2, 3 given in Blackburn College as outlined in this catalogue. See page 34.

### GERMAN.

**ELEMENTARY.** Students who wish to present this subject for admission should devote at least three hours a week for a year in preparation. They should be proficient in elementary German grammar, which means familiarity with the following topics: Declension of such nouns as are readily classified and of adjectives and pronouns; conjugation of weak verbs and of the more usual strong verbs; the commoner prepositions; the simpler uses of the modal auxiliaries and the simpler rules of syntax and of word order. They should also have the ability to translate a passage of simple prose at sight, and to pronounce German and to recognize German words and simple phrases when spoken. Careful attention should be given to the fluent and intelligent reading aloud of the German texts used in the class room.

**ADVANCED.** Students who desire to present advanced German should have had, in addition to elementary German, the equivalent of German 1, 2, 3 given in Blackburn College as outlined in this catalogue. See page 35.

### HISTORY.

**ANCIENT HISTORY.** Preparation in this subject demands at least three hours a week for a year. While the ancient civilizations of Assyria, Babylonia, Persia, and Egypt, and the smaller but none the less important kingdoms of Lydia, Syria, and Israel should not be neglected, especial attention should be given to both Greece and Rome. In the former, the history should be traced from the early times to the death of Alexander, with due reference to Greek life, literature, and art; in the latter, the occupation of the Italian peninsula by the different tribes should be sketched, and the gradual growth and extension of the power of Rome should be traced to the death of Marcus Aurelius, with due reference to literature and government.

**ENGLISH AND AMERICAN HISTORY.** Ample preparation in these two subjects can be gained by three hours a week of class room work for a year. In English history the general course of development should be dwelt upon; the names, order, and houses of the different monarchs should be learned, and as much attention as possible given to the social and political movements with reference both to the Continent and to America. In American history especial emphasis should be laid upon the origin and development of the colonies, the conditions which led to federation, and the growth and development of both Federal and State governments.

### PHYSICS AND CHEMISTRY.

**PHYSICS.** The equivalent of Carhart & Chute's *Physics*, which presents the main subjects, with from forty to fifty experiments will be deemed sufficient preparation.

**CHEMISTRY.** Students who wish to present this subject for admission will be expected to have a good knowledge of the non-metals and their principal combinations, the metals and their principal salts, the more important topics of chemical philosophy and chemical nomenclature and notation. They should also have



performed at least one hundred simple experiments, and should submit their note books with reports of their work. Three hours a week for a year would probably prepare a student sufficiently in this department.

### OTHER SCIENCES.

**PHYSICAL GEOGRAPHY.** Instruction in this subject, which should be for three hours a week throughout one school year, will naturally treat the Earth as a member of the solar system, the nature, temperature, pressure, circulation, and moisture of the atmosphere, the oceans with their tides, waves, and currents, the different lands and their topographical peculiarities, and the forms and distribution of life with the influence of nature on man, and of man on nature.

**PHYSIOLOGY, ZOOLOGY, AND BOTANY.** A year's work of three hours a week in any one of these subjects, or in all taken together as outlined in the courses of Blackburn Academy in this catalogue, will be accepted as constituting one point for admission.

**ADMISSION TO THE FRESHMAN CLASS.** Students to be fully matriculated in the Freshman class must present subjects aggregating fourteen points. A point means a year's work in some subject with from three to five recitation periods a week, each period being at least forty-five minutes in length. The subjects presented will determine the degree for which the students will be matriculated.

### ENTRANCE REQUIREMENTS FOR THE DIFFERENT DEGREES:

A more detailed statement of the requirements by subjects is given on pages 15-21.

All the subjects in Group I, aggregating six points, are required of every student matriculating for a degree.

Group I.	Points.
English .....	3
Algebra .....	1
Plane Geometry .....	1
Ancient History .....	1

**FOR THE DEGREE OF BACHELOR OF ARTS.**

In addition to the subjects in Group I, subjects aggregating **six** points, and including Elementary Greek, and either Elementary French, or Elementary German, must be presented. Also two points from Group III, one of which shall be Physics or Chemistry, must be presented.

Group II.	Points.
Elementary Latin .....	2
Intermediate Latin ....	1
Advanced Latin .....	1
Elementary Greek .....	1
Elementary French .....	1
Elementary German .....	1

Group III.	Points.
Advanced French .....	1
Advanced German .....	1
Advanced Greek .....	1
English History .....	1
Physics .....	1
Chemistry .....	1
Physical Geography .....	1
Physiology, Zoology, Botany .....	1

#### FOR THE DEGREE OF BACHELOR OF PHILOSOPHY:

In addition to the subjects in Group I, subjects aggregating **six** points, four of which shall be Latin, and two French or German, or one French and one German, must be presented from Group II. Also two points from Group III, one of which shall be Physics or Chemistry, must be presented.

Group II.	Points.
Elementary Latin .....	2
Intermediate Latin .....	1
Advanced Latin .....	1
Elementary French .....	1
Advanced French .....	1
Elementary German .....	1
Advanced German .....	1

Group III.	Points.
Elementary Greek .....	1

Advanced Greek .....	1
English History .....	1
Physics .....	1
Chemistry .....	1
Physical Geography .....	1
Physiology, Zoology, and Botany .....	1

FOR THE DEGREE OF BACHELOR OF SCIENCE.

In addition to the subjects in Group I, subjects aggregating six points, of which two shall be Latin and two in modern languages, must be presented. Also two points must be presented from Group III.

Group II.	Points.
Elementary Latin .....	2
Physics .....	1
Chemistry .....	1
Elementary French .....	1
Advanced French .....	1
Elementary German .....	1
Advanced German .....	1

Group III.	Points.
Solid Geometry and Plane Trigonometry .....	1
Physical Geography .....	1
Physiology, Zoology, and Botany .....	1
English History .....	1
Intermediate Latin .....	1
Advanced Latin .....	1
Elementary Greek .....	1
Advanced Greek .....	1

Admission to Advanced Standing

A student may be admitted to advanced standing from any other approved institution of collegiate rank, provided that he present a detailed statement of his previous work and his standing therein, signed by the proper official. The amount of credit given will be determined by the Dean in consultation with other members of the Faculty.

A student may, also, receive credit toward his degree, provided that he present, when admitted to the Freshman class, sub-

jects which are in excess of those required for admission and at the same time prescribed in the curriculum for the degree for which he matriculates. But no such credit will ordinarily be given except upon the basis of an examination in those subjects, set by the professor in whose department the credit is desired.

### Admission of Special Students

The various courses of study in both College and Academy are open to students who desire to avail themselves of the advantages which the institution affords, but whose previous training does not warrant their being matriculated for a degree or fully ranked with any one of the regular classes. Such students, however, will be subject to the same regulations regarding attendance and examinations as those in full standing, and must take fifteen hours a week of class room work in the College, and the maximum requirement in the Academy, unless satisfactory reasons for a smaller assignment are presented.

# REQUIREMENTS FOR DEGREES

## For the Degree of Bachelor of Arts

### *Ancient Languages.*

*Latin.* Three hours a week. Freshman year.

*Greek.* Four hours a week in the Freshman year and three hours a week in the Sophomore year. In case advanced Greek be presented for admission, but three hours a week for one year will be required.

### *Modern Languages.*

*German or French.* Three hours a week of either for one year. The course taken, however, must supplement the requirement for admission so as to make two years' work in that language. Ordinarily taken in the Freshman year. Students are strongly urged to take at least one year's work in the language not presented for admission.

*Mathematics.* Four hours a week. Freshman year.

*English.* (Rhetoric and Composition.) Three hours a week. Freshman year.

*History of English Literature.* (English 4, 5, 6.) Three hours a week. Sophomore year.

*Biblical History and Literature.* Two hours a week for two years. Sophomore and Junior years.

*European History.* Three hours a week. Sophomore or Junior year.

*Physics or Chemistry.* Three hours a week. Sophomore year.

*Social Science.* Three hours a week. Junior or Senior year.

*Philosophy.* (Logic and Psychology.) Three hours a week. Junior year.

*Electives.* In addition to the above, sufficient courses must be selected to make the total number of hours in the Freshman and Sophomore years seventeen respectively, and in the Junior and Senior years fifteen each.

## For the Degree of Bachelor of Philosophy

### *Ancient Language.*

*Latin.* Three hours a week. Freshman year.

### *Modern Languages.*

*German or French.* Six hours a week for one year, or three hours a week for each of two years. Ordinarily taken in the Freshman and Sophomore years. If two years of German be presented for admission,



two years of French will be required, or vice versa. If one year of German and one of French be presented for admission, one additional year of each, three hours a week, will be required.

*Mathematics.* Four hours a week. Freshman year.

*English.* (Rhetoric and Composition.) Three hours a week. Freshman year.

*History of English Literature.* (English 4, 5, 6.) Three hours a week. Sophomore year.

*Biblical History and Literature.* Two hours a week for two years. Sophomore and Junior years.

*European History.* Three hours a week. Sophomore or Junior year.

*Physics or Chemistry.* Three hours a week. Freshman year.

*Biology.* (Courses 1, 2, 3.) Three hours a week. Freshman year.

*Social Science.* Three hours a week. Junior or Senior year.

*Philosophy.* (Logic and Psychology.) Three hours a week. Junior year.

*Electives.* In addition to the above, sufficient courses must be selected to make the total number of hours in the Freshman and Sophomore years sixteen and seventeen respectively, and in the Junior and Senior years fifteen each.

## For the Degree of Bachelor of Science

### *Modern Languages.*

*German or French.* Six hours a week for one year, or three hours a week for each of two years. Ordinarily in the Freshman and Sophomore years. If two years of German be presented for admission, two years of French will be required, or vice versa. If one year of German and one of French be presented for admission, one additional year of each, three hours a week, will be required.

*Mathematics.* Four hours a week. Freshman year.

Three hours a week. Sophomore year.

*English.* (Rhetoric and Composition.) Three hours a week. Freshman year.

*History and English Literature.* (English 4, 5, 6.) Three hours a week. Sophomore year.

*Biblical History and Literature.* Two hours a week for two years. Ordinarily taken in the Sophomore and Junior years.

*European History.* Three hours a week. Sophomore year.

*Biology.* (Courses 1, 2, 3) Three hours a week. Freshman year.



*Chemistry.* Three hours a week. Freshman year.

*Physics.* (Courses 1, 2, 3.) Three hours a week. Sophomore year.

*Philosophy.* (Logic and Psychology.) Three hours a week. Junior year.

*Thesis.* Senior year.

*Electives.* In addition to the above, sufficient courses must be selected to make the total number of hours in the Freshman and Sophomore years sixteen and seventeen respectively, and in the Junior and Senior years fifteen each. Three fifths of the work, however, in the Junior and Senior years must be in the sciences.

## Requirements for the Degree of Master of Arts

The degree of Master of Arts may be obtained under the following conditions: The candidate must be a graduate of some recognized collegiate institution with the degree of Bachelor of Arts, of Philosophy, of Science, or of Letters. He must, also, upon registering as a candidate, select a major and two minor subjects with the approval of the professors in whose departments the work is given. In addition, a thesis of from 5,000 to 10,000 words in length, giving evidence of the candidate's ability to handle sources, will be required.

If the candidate be wholly in residence, inasmuch as the work required is equivalent to a year's work of fifteen hours a week, he may be able to take the degree at the end of one year. If the candidate be partly, or wholly *in absentia*, he will need to confer, from time to time, either by letter or personally, with the professors in whose departments his subjects lie. Ordinarily such a candidate will be able to take the degree at the end of two, or three years. But, whether in residence, or *in absentia*, the candidate will need to pass such an examination at the end of his course as the professors in charge may deem advisable.

The degree of Doctor of Philosophy is not given.

## Teachers' Certificates

Students who take the course in education, extending through the Senior year, and courses aggregating six hours a week for a year in any department after the Sophomore year, provided that they satisfac

torily complete the work, will be granted, in addition to their diplomas, certificates indicating that, in the judgment of the Faculty, such students are especially well qualified to teach that particular subject.

# Courses of Instruction by Departments

## COLLEGE

### I. BIBLICAL HISTORY AND LITERATURE

#### Professor Walcott.

The work of this department extends over two years and is designed to give a comprehensive view of the Hebrew contribution to the western world. It is also strongly urged that students, when they have finished Courses 1-6, elect Courses 9, 10, 11, in the Department of Philosophy.

1. Hebrew History. The United Kingdom. Wide reading in the historical books of the Old Testament. Text-book giving the results of the latest investigations in the Orient. Contemporary ancient history. Two hours a week. First term. Required of all Freshmen. (Not given in 1906-1907.)

2. Hebrew History. The Divided Kingdom. A development of the Hebrew national life upon lines similar to Course 1, but dealing with the kingdoms of Israel and of Judah after their separation. Two hours a week. Second term. Required of all Freshmen. (Not given in 1906-1907.)

3. Jewish History. The Persian and Greek periods of Jewish history. The return from the exile and the re-establishment of a national life in Jerusalem and in Judah; the hierarchy and the rise of Judaism. Text-book and lectures. Two hours a week. Third Term. Required of all Freshmen. (Not given in 1906-1907.)

4. Jewish History and Literature. A survey of the historical situation both in and without Palestine prior to the birth of Christ. Study of the Jewish literature of this period so far as time will permit. Two hours a week. First Term. Required of all Sophomores.

5. Early Christian Literature. The Gospels and other works of the New Testament. The effort will be made to grasp the life of Christ in its entirety so far as the Gospels present it. Attention will be given to the literary form as well as to the thought. Two hours a week. Second Term. Required of all Sophomores.

6. Early Christian Literature. The Pauline Epistles and Acts of the Apostles. Special attention given to the historical data yielded by these writings. Two hours a week. Third Term. Required of all Sophomores.

7. Hebrew Literature. A study of the books of the Old Testament with special reference to their literary form. The lyric, dramatic, and epic elements will be considered, together with the idyls and wisdom literature. Especial attention will be given to the Book of Job, the masterpiece of Hebrew literature. One hour a week throughout the year. Elective for Juniors and Seniors.

## II. BIOLOGY

### Professor Robertson.

1. Invertebrate Zoology. Study of representatives of the principal invertebrate groups, especially the Arthropoda. Three hours a week. First Term. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for other Freshmen, Sophomores, and Juniors.

2. General Morphology and Classification of Spermatophytes. Three hours a week. Second Term. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for other Freshmen, Sophomores, and Juniors.

3. Classification and ecology of the dominant groups of spring plants. Three hours a week. Third Term. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for other Freshmen, Sophomores, and Juniors.

\*4. Classification and ecology of the dominant groups of fall plants. Three hours a week. First Term. Elective for Sophomores, Juniors, and Seniors.

5. Pollination; relations of flowers and insects; study of the principal groups of entomophilous flowers and the principal groups of anthophilous insects. Three hours a week. Second Term. Elective for Sophomores, Juniors, and Seniors.

6. The elucidation of floral mechanisms as applied to the vernal flora. Three hours a week. Third Term. Elective for Sophomores, Juniors, and Seniors.

7. Anatomical Technology, Human Osteology, and the Anatomy of the Cat. Three hours a week. First Term. Elective for Sophomores, Juniors, and Seniors.

8. Mammals. Their morphology and classification. Three hours a week. Second Term. Elective for Sophomores, Juniors, and Seniors.

9. Mammals. Their geological succession and geographical distribution.

bution. Three hours a week. Third Term. Elective for Sophomores, Juniors, and Seniors.

\* Courses 4-6, and 7-9 are offered in alternate years.

### III. EDUCATION

#### Professor Walcott.

1. The History of Education. A brief treatment of education in Greece and Rome, and in Western Europe during mediaeval and modern times. The rise and development of education in America, and the situation at the present time. Lectures and text-book work. Collateral reading. Three hours a week. First Term. Elective for Juniors, Seniors, and Graduates.

2. Modern Educational Theory. The relation of the principles of Froebel to the theories most prominent in modern education. The life and writings of Comenius, Rousseau, Pestalozzi, Herbart, and Froebel will be studied in order that the principles they enunciated may become clear and their influence upon modern education be appreciated. Lectures, reading, discussion. Three hours a week. Second Term. Elective for Juniors, Seniors, and Graduates.

3. Elementary and Secondary Education. This course considers the aim of both the elementary and the secondary schools, the systems of instruction in both America and Europe, the arrangement and adjustment of the curriculum, the problems commonly met and the methods most approved. Lectures, discussions, and reports. Three hours a week. Third Term. Elective for Juniors, Seniors, and Graduates.

### IV. ENGLISH LANGUAGE AND LITERATURE

#### Professor Swearingen.

1, 2, 3. Rhetoric and Composition. The fundamental principles of style and their practical application. Analysis of prose specimens. Impromptu writing in class. Prescribed reading and essays. Three hours a week throughout the year. Required of all Freshmen.

4, 5, 6. History of English Literature. A general survey of the history of English Literature from the earliest times to the present. Study of selected masterpieces. Lectures, discussions, recitations, and written reports. Three hours a week throughout the year. Required of all Sophomores.

7, 8, 9. Shakespeare. Lectures on Shakespeare as a dramatist.



Reading of all the plays. Reports and discussions. Three hours a week throughout the year. Elective for Juniors and Seniors.

10. Milton. Milton's life and time. Reading of *Paradise Lost*. Three hours a week. Third Term. Elective for Juniors and Seniors.

11, 12. Eighteenth Century Prose. Addison, Steele, Johnson, Swift, Goldsmith. Two hours a week. First and Second Terms. Elective for Juniors and Seniors. (Not offered in 1906-7.)

13. Recent Essayists. Matthew Arnold, Ruskin, Walter Pater, Robert Louis Stevenson. Two hours a week. Third Term. Elective for Juniors and Seniors. (Not offered in 1906-7.)

14, 15. Nineteenth Century Poetry. The Romantic School. Tennyson, Browning, Rossetti, Clough. Three hours a week. First and Second Terms. Elective for Juniors and Seniors.

16. English Ballads. Reading of the old ballads. Modern imitations of the popular ballads. Two hours a week. Third Term. Elective for Sophomores, Juniors, and Seniors.

17, 18, 19. The English Drama (exclusive of Shakespeare) from the Miracle Play to the present time. Three hours a week throughout the year. Elective for Juniors and Seniors.

20. Elementary Course in Poetics. Recitations on Gummere's *Handbook of Poetics*. Prescribed reading and reports. Two hours a week. First Term. Elective for Sophomores, Juniors, and Seniors. (This course was given, one hour a week, second and third terms 1905-6, as English 13, 14.)

21, 22. Advanced Course in Poetics. Lectures and Recitations on Aristotle's *Poetics* (Butcher) and Freytag's *Technique of the Drama* (Woodbridge). Two hours a week. Second and Third Terms. Elective for Sophomores, Juniors, and Seniors who have taken Course 20.

23. The Modern Short Story. Lectures, prescribed reading, and reports. Two hours a week. Third Term. Elective for Sophomores, Juniors, and Seniors.

24, 25, 26. The English Novel. The development of the English novel to the middle of the nineteenth century. Lectures, prescribed reading, and reports. Two hours a week throughout the year. Elective for Juniors and Seniors.

27, 28, 29. Anglo-Saxon. Anglo-Saxon Grammar (Cook-Sievers' Text-book). Reading from Bright's *A. S. Reader*. Reading of *Beowulf*. Three hours a week throughout the year. Elective for Seniors and Graduate Students.



30, 31, 32. Middle English. The essentials of Middle English Grammar. Reading of the *Ancren Riwle*. Chaucer. Three hours a week throughout the year. Elective for Juniors and Seniors.

33. Germanic Hero-Sagas. The Germanic sagas which have been treated in English Literature will be read and discussed in detail. Three hours a week. One Term. Elective for Sophomores, Juniors, and Seniors.

34. Germanic Mythology. Lectures and recitations. Three hours a week. One term. Elective for Juniors and Seniors. (Not offered in 1906-7.)

35, 36, 37. Greek and Latin Masterpieces in English. Readings, in the English translation, of the great epics and of several Greek dramas. This course, primarily designed for non-classical students, is indispensable to students and teachers of English Literature. Two hours a week throughout the year. Elective for Sophomores, Juniors, and Seniors.

38, 39, 40. Teachers' Course in English Literature. The books prescribed by the Committee on Uniform Entrance Requirements in English, will be read and studied with especial reference to their presentation to high school pupils. Three hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

41, 42, 43. Teachers' Course in English Grammar. Lectures and recitations on the historical development of the English Language. Three hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

44, 45, 46. American Literature. A general survey of the history of American Literature from colonial times to the present day. Reading from the works of representative authors. Three hours a week throughout the year. Elective for Sophomores, Juniors, and Seniors. (Not offered in 1906-7.)

47. Argumentation. Lectures on the principles of Argumentation; analysis of specimens; practice in writing. Three hours a week. One Term. Elective for Juniors and Seniors. (Not offered in 1906-7.)

## V. FRENCH LANGUAGE AND LITERATURE

### Professor Swearingen.

A. Elementary French. Thorough drill in the fundamental principles of the French language. Grammar work, easy reading, and composition. Three hours a week. First Term.

B. Elementary French. Continuation of grammar and composition work. Reading aloud in the French language with careful attention to pronunciation. Translation of easy works in French, such as "Contes et Legendes" by Guerber, "Tour de la France par deux Enfants" by Bruno, and "La Tache du petit Pierre" by Mairat. Three hours a week. Second Term.

C. Elementary French. Completion of grammar and composition work. Reading and translation of "Colomba" by Merimee, and other similar works. Third Term.

Note. The Courses A, B, C, are required of candidates for the degree of Bachelor of Philosophy or Bachelor of Science, who presented German for admission, in the Freshman year, if not previously taken. Elective for other students in the Freshman or Sophomore year.

1, 2, 3. Advanced French. Reading and translation of Halevey's *L'Abbe Constantin*, About's *Le Roi des Montagnes*, Dumas' *La Tulippe Noire*, Daudet's *Le Petit Chose*; French Composition based on the works read. Three hours a week throughout the year. Required of candidates for the degree of Bachelor of Philosophy or Bachelor of Science, who presented German for admission, in either the Freshman or Sophomore year. Elective for other students who have had French A, B, C, or its equivalent.

4. French Literature. Brief survey of French literature from the earliest time to the death of Louis XIV. Selected readings from the authors of the eighteenth century. French text-book. Three hours a week. First Term. Elective for Freshmen, Sophomores, Juniors, and Seniors.

5. French Literature. History of French literature from the time of Louis XIV until the end of the First Republic. Selected readings from authors of the period. Three hours a week. Second Term. Elective for Freshmen, Sophomores, Juniors, and Seniors.

6. French Literature of the Nineteenth Century. Lectures upon the period and selected readings from the works of Mme. de Stael, Dumas, Hugo, Zola, Renan and others. Three hours a week. Third Term. Elective for Freshmen, Sophomores, Juniors, and Seniors.

7, 8, 9. Reading and study of the Comedies of Moliere. Three hours a week throughout the year. Elective for students who have completed 1, 2, 3.

10, 11, 12. Victor Hugo. Lectures on the Life and Works of Victor Hugo. Reading of all the novels. Three hours a week through-

out the year. Elective for Juniors and Seniors who have taken 4, 5, 6. (Not given in 1906-7.)

## VI. GERMAN LANGUAGE AND LITERATURE

### Professor Lingle.

A, B, C. Elementary German. Identical with German A, B, C, in the Academy. Elective in either the Freshman or the Sophomore year for those students who presented French for admission. Required of all other Freshmen and Sophomores (except candidates for the degree of Bachelor of Arts, presenting French for admission, for whom it is elective) who have not had the same, or its equivalent.

1, 2, 3. Reading and Speaking Course. At least a year of preparatory German is presupposed in this course. The work in the classroom will be conducted entirely in the German language. The purpose will be to educate the ear, perfect the pronunciation, and acquire facility in reading German understandingly without translating. The standard German Gymnasien text-books will be used. Three hours a week throughout the year. Required of all students in either the Freshman or Sophomore year, who have had no more German than A, B, C, or its equivalent, provided they did not present French for admission.

4, 5, 6. The Drama of the Classical Period. The works of Lessing, Schiller, and Goethe will be read. Two dramas of each author. Lectures upon the lives of these men and the literature of the period. Three hours a week throughout the year. Elective for Freshmen, Sophomores, and Juniors.

7, 8, 9. German Literature: History of German literature from the earliest times to the present. Three periods, each constituting the work of one term, viz.: From the earliest times to Klopstock, from Klopstock to the death of Goethe, and from the death of Goethe to the present time. A German text-book on the subject treated will be used. Three hours a week throughout the year. Elective for Juniors and Seniors.

10, 11, 12. Scientific German. Some scientific, historical, or philosophical work will be read with the purpose of introducing the student to such literature. One hour a week throughout the year. Elective for Sophomores, Juniors, and Seniors.

## VII. GREEK LANGUAGE AND LITERATURE

Professor Walcott.

A, B, C. Elementary Greek. The first two terms are devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the *verb*, and to word-formation. In the third term Xenophon's *Anabasis* is begun. Composition both written and oral throughout the year. Five hours a week. Open to those students who have not had Greek before entering college and who wish to matriculate for the degree of Bachelor of Arts.

1, 2, 3. Xenophon. *Anabasis*, Books II-IV. Careful study of the text. Thorough drill in syntax, pronunciation, and word-formation. Reading at sight. Selections from the *Hellenica*. Three hours a week throughout the year. Required of Freshmen who are candidates for the degree of Bachelor of Arts. See Course 14.

4. Lysias. Selected orations. Thorough study of the text with lectures upon the development of oratory in Greece. Athenian law-courts. First Term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

5. Plato. *Apology* and *Crito*. Study of the text with sight reading in Xenophon's *Memorabilia*. Informal lectures upon the life and teaching of Socrates. Three hours a week. Second Term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

6. Homer. Three books of the *Iliad*. Careful attention given to epic forms and constructions, with lectures upon the rise of this form of literature. The national and literary epics compared. Three hours a week. Third Term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

7. Homer. Four books of the *Odyssey*. Rapid reading of other portions of the *Odyssey* with lectures upon Greek life in the Epic Period. Three hours a week. First Term. Elective for Juniors and Seniors.

8. Demosthenes. *Philippics* and *Olynthiacs*. Study of the text with lectures upon the Attic orators and the historical situation. Three hours a week. Second Term. Elective for Juniors and Seniors.

9. Sophocles. *Antigone*. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Third term. Elective for Juniors and Seniors.

10. Aristophanes. One play studied carefully in the text, with rapid reading of other plays in a translation; development of the comic



drama. Two hours a week. First Term. Elective for Seniors.

11. Lyric Poets. Selections from Sappho, Alcaeus, Simonides, Pindar, and other lyric poets. Lectures upon the rise and development of such poetry in Greece. Two hours a week. Second Term. Elective for Seniors.

12. Plato. Republic. Study of the text with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Two hours a week. Third Term. Elective for Seniors.

13. Greek Life. Lectures and text-book work upon the private life of the Greeks. Child-life, education, amusement, marriage and position of the citizen in the state will be treated. One hour bi-weekly throughout the year. Elective for Sophomores, Juniors, and Seniors, whether previously trained in Greek or not. (Not given in 1906-1907.)

14. Greek Composition. Thorough drill in writing connected discourse in Greek together with occasional oral work. One hour a week throughout the year. Required of all Freshmen taking Courses 1, 2, and 3.

15, 16. Greek composition. Advanced work in writing connected discourse in Greek. One hour a week. Second and Third Terms. Elective for Sophomores, Juniors, and Seniors.

17, 18, 19. New Testament Greek. Selections from the Pauline Epistles, Acts of the Apostles, and the Gospels read with a view to the mastery of the peculiarities of Hellenistic Greek. Attention is directed more to the language than to the thought. Two hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

## VIII. HISTORY

### Professors Lingle and Bradley.

1. Greece and Rome. From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First Term. Required of Sophomores.

Professor Bradley.

3. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Second Term. Required of Sophomores.

3. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Third Term. Required of Sophomores.

Professor Bradley.

4. American History to 1787. Colonial and local government; inter-colonial wars; colonial slavery; the Revolution. Text-book, collateral reading in the sources and especially the texts of documents. Three hours a week. First Term. Elective for Juniors and Seniors.

Professor Bradley.

5, 6. Political and Constitutional History of the United States since 1787. The organization of the national government and its administrative development; slavery; extension of territory; the bank controversy; the Civil war; the period of reconstruction; present day questions. Text-book, lectures, collateral reading in original documents and authoritative sources. Three hours a week. Second and Third Terms. Elective for Juniors and Seniors.

Professor Bradley.

7, 8. English Constitutional History. Text-book, collateral reading in the sources. Two hours a week. First and Second Terms. Elective for Juniors.

Professor Lingle.

9. History of France. The important epochs in the development of the French people will be treated by text-book and lectures. Important events in Italian, Spanish, and Portuguese history will also receive treatment. Collateral reading. Two hours a week. First Term. Elective for Seniors and Graduates.

Professor Lingle.

10, 11. History of Germany. The important epochs in the development of the German people, together with the leading events of Sweden, Denmark, and Holland, especially as these latter bear upon European history in general will be treated by text-book and lectures. Collateral reading. Two hours a week. Second and Third Terms. Elective for Seniors and Graduates.

Professor Lingle.

## IX. HOUSEHOLD ECONOMICS

Miss Binzel.

1, 2, 3. Domestic Science. This course consists of a thorough treatment of the production and application of heat in cooking; the composition of food and its relation to the body; the materials and methods of food combinations; the organization and management of the home. Two hours a week throughout the year. Elective for all qualified students.

4, 5, 6. Domestic Science. Demonstrations in the preparation, cooking, and serving of the principal foods and desserts. Two hours in succession, bi-weekly throughout the year. Elective for all qualified students.



## X. LATIN LANGUAGE AND LITERATURE

### Professor Bradley.

1. Livy. Selections from Books I, XXI, XXII. Careful reading of the text with lectures upon early Roman history. Three hours a week. First Term. Required of all Freshmen except candidates for the degree of Bachelor of Science.

2. Cicero. Selections from his letters. Lectures upon the last period of the Republic with the definite aim to grasp firmly its revolutionary character. Three hours a week. Second Term. Required of all Freshmen except candidates for the degree of Bachelor of Science.

3. Tacitus. *Germania* and *Agricola*. Lectures upon the period in which Tacitus lived, together with a discussion of the conditions in both Britain and Germany. Three hours a week. Third Term. Required of all Freshmen except candidates for the degree of Bachelor of Science.

4. Horace. *Odes* and *Epodes*. Lectures upon the life of Horace with a discussion of the chief characteristics of his lyrical works. Three hours a week. First Term. Elective for Sophomores, Juniors, and Seniors.

5. Catullus, Tibullus, and Propertius. Careful reading of selected poems with discussion of form and poetical value. Three hours a week. Second Term. Elective for Sophomores, Juniors, and Seniors.

6. Horace. *Satires* and *Epistles*. Careful reading of selections; comparison with Lucilius, Greek comic writers, and modern satirists. Three hours a week. Third Term. Elective for Sophomores, Juniors, and Seniors.

7. Origin of Latin Poetry and Development of the Drama. Readings from Plautus and Terence. Three hours a week. First Term. Elective for Juniors and Seniors. Alternates with Course 10.

8. Cicero. *Brutus*, with readings from Quintillian. Lectures upon the prose of the early period of the Republic. Two hours a week. Second Term. Elective for Juniors and Seniors. Alternates with Course 11.

9. Tacitus. Readings from his *Annals* with lectures upon the prose of the Silver Age. Three hours a week. Third Term. Elective for Juniors and Seniors. Alternates with Course 12.

10. Pliny. Selections from his *Epistles*. Lectures upon the period. Two hours a week. First Term. Elective for Juniors and Seniors.

11. Juvenal and Martial. Selections with lectures upon the development in satire from Horace to Juvenal. Two hours a week. Second Term. Elective for Juniors and Seniors.

12. Cicero. Virgil. Special elective for teachers of Latin. Two hours a week. Third Term. Elective for Juniors and Seniors.

13. Roman Life. Lecture and text-book work upon the private life of the Romans. The Roman child is considered in the home, at play and at school, and when he has taken his place in the state. One hour, bi-weekly throughout the year. Elective for Sophomores, Juniors, and Seniors. (Not given in 1906-1907.)

14. Latin Composition. Thorough drill in writing connected Latin discourse with occasional oral work. One hour a week throughout the year. Elective for Freshmen, Sophomores, and Juniors.

## XI. MATHEMATICS AND ASTRONOMY

Professor Challacombe.

### A. MATHEMATICS.

1. College Algebra. A brief review of the theory of exponents, surds, and imaginary quantities, followed by advanced work in simultaneous quadratic equations, progressions, series, and kindred subjects. Four hours a week. First Term. Required of all Freshmen.

2. Solid Geometry. Lines and planes in space; polyhedrons, cylinders, and cones; the sphere and spherical surfaces. Four hours a week. Second Term. Required of all Freshmen.

3. Trigonometry. The development of the trigonometric functions and formulae, and their application to the solution of problems in geometry; right and oblique triangles, etc. Four hours a week. Third Term. Required of all Freshmen.

4, 5. Analytical Geometry. The study of the Cartesian and polar systems. The point, line, conics, higher plane curves, and the elements of three-dimensional geometry. Three hours a week. First and Second Terms. Required of candidates for the degree of Bachelor of Science, but elective for all other qualified students.

6. Differential Calculus. Differential formulae, application of differentiation to the expansion of functions, evolution of indeterminates, evolutes and involutes, maxima and minima. Three hours a week. Third Term. Required of candidates for the degree of Bachelor of Science, but elective for all other students.

7. Integral Calculus. Integration of rational fractions, indefinite integrals, and the application of integration to areas, surfaces, volumes, and length of curves, and to the solution of problems. Three hours a week. First Term. Elective for Juniors.

8. Determinants. Three hours a week. Second Term. Elective for Juniors.

9. Theory of Equations. Three hours a week. Third Term. Elective for Juniors.

10. Surveying. Chaining, transit surveying, leveling, laying out curves, dividing land, topographical survey, adjustment of instruments, etc. Three hours a week. First Term. Elective for Juniors.

11. Partial Differential Equations. With applications to geometry and physics. Three hours a week. Second Term. Elective for Juniors and Seniors.

12, 13, 14. Senior Mathematics. History of Mathematics; a review of academic and collegiate mathematics; readings from various authors on the methods, teaching, and philosophy of mathematics. Two hours a week throughout the year. Elective for Juniors and Seniors.

#### B. ASTRONOMY.

1, 2, 3. Astronomy. Descriptive, mathematical, and historical astronomy. Three hours a week throughout the year. Elective for Seniors.

4. Spherical and Practical Astronomy. Three hours a week. Third Term. Elective for Juniors and Seniors.

## XII. MINERALOGY AND GEOLOGY

### Professor Loving.

1. Mineralogy. Morphology, chemical and physical properties of crystals; rock-forming minerals and rock as mineral aggregates. Origin, character, classification, and distribution of minerals. Three hours a week. First Term. Elective for Seniors.

2, 3. Geology. Cosmical, dynamic, structural, historical, physiographic, and economic geology. Paleontology. Three hours a week. Second and Third Terms. Elective for Seniors.

## XIII. PHILOSOPHY

### Professors Bradley and Walcott.

1. Logic. Thorough training in the modes and tests of correct

reasoning. Practical exercises receive much attention. Three hours a week. First Term. Required of all Juniors. Professor Bradley.

2, 3. Psychology. This subject is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second and Third Terms. Required of all Juniors. Professor Bradley.

4, 5. Ethics. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Two and three hours a week respectively. Second and Third Terms. Elective for Seniors, but Ethics 5 is open only to those who have taken Ethics 4. Professor Bradley.

6, 7, 8. History of Philosophy. A development of philosophical thought from its beginnings in Greece down to modern times. Especial attention will be given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the middle ages will be dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him will be considered at length. The work will be not merely analytical but also constructive. Lectures, collateral reading, essays. Three hours a week throughout the year. Elective for Seniors. Professor Walcott.

9. History of Religion. The different religions of the world will be treated in a purely scientific manner. The effort will be made to understand the leading characteristics of the great ethnic faiths and to group them so far as possible. Two hours a week. First Term. Elective for Juniors and Seniors. Professor Walcott.

10. Philosophy of Religion. The implications of religion *per se* will be considered from a philosophical view point, and the possible grounds of a religious faith determined. Two hours a week. Second Term. Elective for Juniors and Seniors. Professor Walcott.

11. Christianity; Some of its Leading Characteristics. The effort will be made to get at permanent and essential features of Christianity; to show what its leading contributions to the western world have been, its position to-day and probable position in the future. Two hours a week. Third Term. Elective for Juniors and Seniors. Professor Walcott.

12. German Philosophy. A careful study of Kant's *Critique of the Pure Reason*, together with supplementary reading in his other works



and lectures upon Fichte, Schelling, Hegel, and Schopenhauer. Three hours a week. First Term. Elective for Seniors and Graduates.

Professor Walcott.

13. British Philosophy. The development of British thought from Bacon to Spencer. Special attention given to Locke, Berkeley, and Hume. Lectures, reading in the sources, essays. Three hours a week. Second Term. Elective for Seniors and Graduates. Professor Walcott.

14. Metaphysics. The fundamental concepts of reality viewed in the light of their history and evaluated in modern thought. The distinct effort will be made to get the students to grasp fundamental problems for themselves and to solve them as best they may. Three hours a week. Third Term. Elective for Seniors and Graduates.

Professor Walcott.

## XIV. PHYSICS AND CHEMISTRY

### Professor Loving.

The instruction in this department will be by lectures and recitations, accompanied by experimental demonstrations of the principles under consideration. Occasional written recitations will be held on the text and on the experiments. Laboratory work is required in each course.

#### A. PHYSICS.

1, 2, 3. General Physics. The aim in this course will be to give the students a fuller and more exact knowledge of the general facts and principles of physics, and an understanding of the illustrations of the subject as seen in the experiences and phenomena of daily life. Attention will also be directed to the various industrial applications of physical laws. Three hours a week throughout the year. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for all other qualified students.

NOTE.—For admission to this course a knowledge of elementary physics is required. The preparation must include a passing grade on Carhart and Chute's "Elements of Physics," or equivalent, and a knowledge of plane and solid geometry, and of plane trigonometry.

4, 5, 6. Advanced Physics. Special branches of physics will be treated in greater detail than in Courses 1, 2, and 3. Frequent applications will be made of analytical geometry and differential calculus, and that amount of mathematical training will be expected of the stu-

dents taking this course. The subjects chosen will vary from year to year, and will include mechanics, optics, electricity, and magnetism. Three hours a week throughout the year. Elective for Juniors and Seniors.

#### B. CHEMISTRY.

1, 2, 3. General Chemistry. The work in this course will include a study of the more important elementary and compound substances. Three hours a week throughout the year. Required of all students in either the Freshman or Sophomore year.

4, 5, 6. Organic Chemistry. The compounds of carbon. For students who have the medical profession or industrial pursuits in view. Three hours a week throughout the year. Elective for Sophomores or Juniors.

7, 8, 9. Qualitative and Quantitative Analysis. Lectures on Laboratory methods. Determination of substance of unknown composition. Chemical theory and development will be briefly treated. Three hours a week throughout the year. Elective for Juniors or Seniors.

### XV. SOCIAL SCIENCE

#### Professor Bradley.

1. Sociology. Brief survey of social evolution and the structure of society. Especial attention will be given to present social problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First Term. Elective for Juniors or Seniors.

2, 3. Economics. Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention given to money, banking, wages, and taxation. Three hours a week. Second and Third Terms. Elective for Juniors or Seniors.

4. American Government. This course aims to present in clear outline the national, state, and municipal governments within the United States. Text-book, lectures, and collateral reading. Three hours a week. First Term. Elective for Seniors and Graduates.

5. Practical Economics. The aim of this course is to study more in detail, than in Economics 2 and 3, such subjects as money and banking, public finance—both national and local—the labor movement, industrial corporations, and insurance. Lectures, collateral reading, discussions and reports. Three hours a week. Second Term. Elective for Seniors and Graduates.



6. International Law. A study of the fundamental principles governing the relations of nations, both in peace and in war. Diplomacy. Lectures, discussions, reports upon special problems. Three hours a week. Third Term. Elective for Seniors and Graduates.

# THE BACHELOR OF ARTS COURSE

## Freshman Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English 1 .....	3	English 2 .....	3	English 3 .....	3
Latin 1 .....	3	Latin 2 .....	3	Latin 3 .....	3
Greek 1 .....	3	Greek 2 .....	3	Greek 3 .....	3
" 14 .....	1	" 14 .....	1	" 14 .....	1
*German 1 .....	3	German 2 .....	3	German 3 .....	3
French 1 .....	3	French 2 .....	3	French 3 .....	3
Mathematics 1 .	4	Mathematics 2	4	Mathematics 3 .	4

\* Whether German 1, 2, 3, or French 1, 2, 3, will be taken, will depend upon which language was presented for admission.

## Sophomore Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English 4 .....	3	English 5 .....	3	English 6 .....	3
Greek 4 .....	3	Greek 5 .....	3	Greek 6 .....	3
Biblical Lit. 4 ..	2	Biblical Lit. 5 ..	2	Biblical Lit. 6 ..	2
History 1 .....	3	History 2 .....	3	History 3 .....	3
Chemistry 1 ...	3	Chemistry 2 ...	3	Chemistry 3 ...	3

Enough electives must be chosen to make seventeen hours a week of regular Sophomore work each term.

# THE BACHELOR OF PHILOSOPHY COURSE

## Freshman Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
		PERIODS			PERIODS			PERIODS
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 1 .....	3		English 2 .....	3		English 3 .....	3	
Latin 1 .....	3		Latin 2 .....	3		Latin 3 .....	3	
Mathematics 1 .	4		Mathematics 2 .	4		Mathematics 3 .	4	
*German A ....	3		German B .....	3		German C .....	3	
French A .....	3		French B .....	3		French C .....	3	

\*Whether German A, B, C, or French A, B, C, will be taken, will depend upon which language was presented for admission.

Enough electives must be chosen to make sixteen hours a week of Freshman work each term.

## Sophomore Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
		PERIODS			PERIODS			PERIODS
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 4 .....	3		English 5 .....	3		English 6 .....	3	
*Chemistry 1 ..	3		Chemistry 2 ...	3		Chemistry 3 ....	3	
Biblical Lit. 4..	2		Biblical Lit. 5..	2		Biblical Lit. 6..	2	
History 1 .....	3		History 2 .....	3		History 3 .....	3	
Biology 1 .....	3		Biology 2 .....	3		Biology 3 .....	3	

Enough electives must be chosen to make seventeen hours a week of regular Sophomore work each term.

\* Chemistry 1, 2, 3, must be taken this year, if not elected in the Freshman year.

# THE BACHELOR OF SCIENCE COURSE

## Freshman Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
PERIODS			PERIODS			PERIODS		
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 1 .....	3		English 2 .....	3		English 3 .....	3	
*German 1 ....	3		German 2 .....	3		German 3 .....	3	
French 1 .....	3		French 2 .....	3		French 3 .....	3	
Mathematics 1 .	4		Mathematics 2 .	4		Mathematics 3 .	4	
Chemistry 1 ....	3		Chemistry 2 ....	3		Chemistry 3 ....	3	

\* Whether the student will take German 1, 2, 3, or French 1, 2, 3, this year, will depend upon which of those languages be presented in greater amount for admission.

Enough electives must be chosen to make sixteen or seventeen hours a week of Freshman work each term.

## Sophomore Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
PERIODS			PERIODS			PERIODS		
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 4 .....	3		English 5.....	3		English 6 .....	3	
Mathematics 4 .	3		Mathematics 5 .	3		Mathematics 6 .	3	
History 1 .....	3		History 2 .....	3		History 3 .....	3	
Biblical Lit. 4..	2		Biblical Lit. 5..	2		Biblical Lit. 6 ..	2	
Biology 1 .....	3		Biology 2 .....	3		Biology 3 .....	3	
Physics 1 .....	3		Physics 2 .....	3		Physics 3 .....	3	

Enough electives must be chosen to make seventeen hours a week of Sophomore work each term, in case any of the above subjects were taken in the Freshman year.

# ALL COURSES

## Junior Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
Philosophy 1 ...	3	Philosophy 2 ...	3	Philosophy 3 ...	3
Biblical Lit. 4..	2	Biblical Lit. 5..	2	Biblical Lit. 6 .	2

Enough electives must be chosen to make fifteen hours a week each term. Candidates for the degree of Bachelor of Science must have at least three-fifths of their courses from the sciences.

## Senior Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
*Social Science 1	3	Social Science 2.	3	Social Science 3.	3

\* This course should be elected in the Junior year. If not elected then, it is required in the Senior year.

Enough electives must be chosen to make a total of fifteen hours a week each term. Candidates for the degree of Bachelor of Science must have at least three-fifths of their courses from the sciences.

# Table of Elective Courses

COURSES.	TERM			PERIODS A WEEK.	OPEN TO
	1st	2d	3d		
Astronomy .....	1	2	3	3	*Sr.
" .....	..	..	4	3	Jr. Sr.
Biblical Lit. ....	7	7	7	1	Jr. Sr.
Biology .....	1	2	3	3	Fr. So. Jr.
" .....	4	5	6	3	So. Jr. Sr.
" .....	7	8	9	3	So. Jr. Sr.
Chemistry .....	1	2	3	3	Fr.
" .....	4	5	6	3	So. Jr. Sr.
" .....	7	8	9	3	So. Jr. Sr.
Education .....	1	2	3	3	Jr. Sr.
English .....	7	8	9	3	Jr. Sr.
" .....	..	..	10	3	Jr. Sr.
" .....	11	12	..	2	Jr. Sr.
" .....	..	..	13	2	Jr. Sr.
" .....	14	15	..	3	Jr. Sr.
" .....	..	..	16	2	So. Jr. Sr.
" .....	17	18	19	3	Jr. Sr.
" .....	20	..	..	2	So. Jr. Sr.
" .....	..	21	22	2	So. Jr. Sr.
" .....	..	..	23	2	So. Jr. Sr.
" .....	24	25	26	2	Jr. Sr.
" .....	27	28	29	3	Sr.
" .....	30	31	32	3	Jr. Sr.
" .....	** 33	..	..	3	So. Jr. Sr.
" .....	** ..	34	..	3	Jr. Sr.
" .....	35	36	37	2	So. Jr. Sr.
" .....	38	39	40	3	Jr. Sr.
" .....	41	42	43	3	Jr. Sr.
" .....	44	45	46	3	So. Jr. Sr.
" .....	** ..	47	..	3	Jr. Sr.
French .....	A	B	C	3	Fr. So.
" .....	1	2	3	3	Fr. So. Jr.
" .....	4	5	6	3	Fr. So. Jr. Sr.
" .....	7	8	9	3	Fr. So. Jr. Sr.
" .....	10	11	12	3	Jr. Sr.
Geology .....	..	2	3	3	Sr.

\* Sr., Jr., So., and Fr. indicate that the courses after which these abbreviations stand are open to Seniors, Juniors, Sophomores, or Freshmen, respectively.

\*\* May be taken in any term that best suits the professor and students.



COURSES.	TERM			PERIODS A WEEK.	OPEN TO
	1st	2d	3d		
German .....	A	B	C	3	Fr. So.
" .....	1	2	3	3	Fr. So. Jr.
" .....	4	5	6	3	Fr. So. Jr. Sr.
" .....	7	8	9	3	So. Jr. Sr.
" .....	10	11	12	1	So. Jr. Sr.
Greek ....	A	B	C	5	Fr. So. Jr. Sr.
" .....	1	2	3	3	Fr. So. Jr. Sr.
" .....	4	5	6	3	So. Jr. Sr.
" .....	7	8	9	3	Jr. Sr.
" .....	10	11	12	3	Jr. Sr.
" .....	13	13	13	1½	So. Jr. Sr.
" .....	14	14	14	1	Fr. So. Jr. Sr.
" .....	..	15	16	1	So. Jr. Sr.
" .....	17	18	19	2	Jr. Sr.
History ....	4	5	6	3	Jr. Sr.
" .....	7	8	..	2	Jr.
" .....	9	10	11	2	Sr.
Household Econ.	1	2	3	3	Fr. So. Jr. Sr.
" .....	4	5	6	1	Fr. So. Jr. Sr.
Latin ....	4	5	6	3	So. Jr. Sr.
" .....	7	8	9	3	Jr. Sr.
" .....	10	11	12	3	Jr. Sr.
" .....	13	13	13	1½	So. Jr. Sr.
" .....	14	14	14	1	Fr. So. Jr. Sr.
Mathematics ....	4	5	6	3	So. Jr. Sr.
" .....	7	8	9	3	Jr.
" .....	10	..	..	3	Jr.
" .....	..	11	..	3	Jr. Sr.
" .....	12	13	14	2	Jr. Sr.
Mineralogy ..	1	..	..	3	Sr.
Philosophy ..	..	4	5	***	Sr.
" .....	6	7	8	3	Sr.
" .....	9	10	11	2	Jr. Sr.
" .....	12	13	14	3	Sr.
Physics .....	1	2	3	3	Fr. So. Jr. Sr.
" .....	4	5	6	3	So. Jr. Sr.
Social Science ..	1	2	3	3	Jr. Sr.
" .....	4	5	6	3	Sr.

\*\*\* Two hours in the second term, three in the third.

NOTE. When a course has been chosen it becomes required. Students are then expected to fulfill all the requirements of that course, to be present at the term tests, and to take the final examination.

# ATTENDANCE, EXAMINATION, AND STANDING

REGISTRATION AND ATTENDANCE.—The academic year is divided into three terms. All students are expected to register upon the first day of each term, except at the beginning of the year, when the registration should be attended to during *the two days just previous* to the calendar date for the beginning of the term. Cuts are counted beginning the first day of each term.

Each student is expected to attend the daily chapel service, and also every exercise in the several studies to which he is assigned.

EXAMINATION AND STANDING.—Except in laboratory and similar work, all classes are examined at the close of each term.

If a student in the College absents himself from any course more than the allowed number of times, viz.: as many times during the term as there are recitation periods a week in that course, he renders himself liable to debarment from the examination in that course at the end of the term. Such a student may, however, be examined in that subject at a later date, upon payment of a special fee of five dollars. Students in the Academy are subject to the regulations made by the Principal of the Academy.

The grading is upon a scale of 100. If a student fails to get an average of 75 per cent. in any subject at the end of a term, he is required to take a special examination as soon thereafter as the professor in whose department the failure occurred deems it advisable. In determining the final average, the examination counts one-third.

A report of each student's standing is sent to parent or guardian at the end of each term. Reports are also made more frequently when there is need.

Any student who, from carelessness, inattention, or indolence, falls below 65 per cent. in all his studies, will not be permitted to remain in the institution.

HONORS.—Students who have an average of 90 per cent., or over, during their whole College course, will be regarded as graduating with honor. Students who do not secure an average of 90 per cent. in all their work, but do have an average of 90 per cent., or over, in any department in which they have taken at least eighteen term hours of

elective work, may, upon the recommendation of the professor in charge, be graduated with final honors in that department.

The names of students thus graduated with Final Honors will be printed in a separate list upon the Commencement Programme and also in the Annual Catalogue.

The names of students who have an average standing of 90 per cent., or over, in any year, will be read at the morning exercises on Commencement Day.

DISCIPLINE.—There is no formal set of rules in force. Students are expected to conduct themselves in accordance with the ordinary rules of propriety. When, from time to time, special rules are made in the interests of the whole student body, it is expected that all members of the institution will cheerfully comply with them. Offenses against the social well-being of the students as a whole will be dealt with by the several professors and instructors, or by the Faculty, in private, or as the occasion may demand. Continued wrong doing on the part of any student, such as to make it evident to the Faculty that the student is not only failing to be benefited by the institution, but is also becoming harmful to others, will be deemed a sufficient reason for requesting the parent or guardian of that student to remove him. If such removal does not take place within a reasonable length of time, then dismissal from the institution will follow.

No student who has been subject to College censure will be allowed to represent the College in any public way, from the time when the censure was imposed until the end of that academic year. Such a student may not play upon the ball teams, take part in any debate, oratorical contest, or similar activities.

## TUITION, ROOM RENT, ETC.

The tuition for the year in the College is \$50.00, divided according to the terms as follows: \$22.00 in the Fall Term, \$16.00 in the Winter Term, and \$12.00 in the Spring Term. For the Academy the tuition is \$40.00 for the year, divided as follows: \$18.00 in the Fall Term, \$12.00 in the Winter Term, and \$10.00 in the Spring Term. The other College and Academy expenses may be summarized thus:

	Fall Term.		Winter Term.		Spring Term.	
1. Library fee .....	\$	.50	\$	.50	\$	.50
2. Room rent from...	4.50—	8.00	4.50—	7.50	3.00—	6.00
3. Board in College Club	30.00—	35.00	25.00—	27.50	22.00—	27.00
	<hr/>		<hr/>		<hr/>	
	\$35.00—\$43.50		\$30.00—\$35.50		\$25.50—\$33.50	

Adding to these sums the proper tuition fee, it will be seen that the total expenses, apart from the laboratory fee, range from \$65.50 in the College and \$61.50 in the Academy in the Fall Term to \$37.50 and \$35.00 in the College and Academy, respectively, in the Spring Term.

### LABORATORY FEES, ETC.

In all courses in the Department of Biology a laboratory fee of one dollar (\$1.00) a term is charged for each course.

In Chemistry a fee of two dollars (\$2.00) a term is charged in connection with Courses 1, 2, and 3. In the more advanced courses in Chemistry the fee is three dollars (\$3.00) a term.

In Physics the laboratory fee is two dollars (\$2.00) a term for each course.

At the beginning of the year a deposit of two dollars (\$2.00) is required of the young men in the College and Academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to each student.

Extra tuition at the rate of fifty cents a lesson of forty-five minutes is charged for courses in Music.

## DORMITORY ROOM LIST

No.	1st Term.	2nd Term.	3rd Term.	No.	1st Term.	2nd Term.	3rd Term.
8	\$8 00	\$7 50	\$6 50	25	\$6 00	\$5 50	\$4 50
9	7 50	7 00	6 00	26	5 50	5 00	4 00
10	8 00	7 50	6 50	27	6 00	5 50	4 50
11	7 50	7 00	6 00	28	5 50	5 00	4 00
12	8 00	7 50	6 50	29	6 00	5 50	4 50
13	7 50	7 00	6 00	30	8 00	7 50	6 50
14	7 50	7 00	6 00	31	5 00	4 50	4 00
15	8 00	7 50	6 50	32	7 50	7 00	6 00
16	7 50	7 00	6 00	33	6 50	6 00	5 00
17	8 00	7 50	6 50	34	7 50	7 00	6 00
18	7 50	7 00	6 00	35	7 50	7 00	6 00
19	8 00	7 50	6 50	36	6 50	6 00	5 00
20	7 50	7 00	6 00	37	7 50	7 00	6 00
21	7 50	7 00	6 00	38	6 50	6 00	5 00
22	5 50	6 00	4 00	39	6 50	6 00	5 00
23	5 50	5 00	4 00	40	5 00	4 50	4 00
24	6 00	5 50	4 50	41	Bell-ringer's room.		

When two students occupy the same room the above rates are divided between them.



# Prizes, Scholarships, and Self-Helps

**GOLD MEDAL.**—A gold medal is annually awarded to the student making the highest grade. All College students are eligible except winners of the medal in preceding years.

Awarded in 1905

to

Hope Fern Tongate.

**FACULTY PRIZE.**—A Faculty Prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 1st. Each essay must be typewritten, free from errors in grammar, spelling, and diction, and from 1,200 to 2,000 words in length. All students may compete.

Awarded in 1905

to

Juanita Robison.

**DEPARTMENT PRIZE IN GREEK.**—A prize of fifteen dollars is annually awarded to that member of the Freshman class who passes the best examination in elementary Greek, the examination being held the first Saturday in October. A grade of 90 per cent. must be attained.

**DEPARTMENT PRIZE IN LATIN.**—A prize of fifteen dollars is annually awarded to that member of the Freshman class who passes the best examination in Latin, the examination being held the last Saturday in September. A grade of at least 90 per cent. must be attained.

**PARKS SCHOLARSHIP.**—This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

**CORBIT SCHOLARSHIP.**—The recipient of this scholarship, founded by the late Joseph Corbit of New York City, is chosen from year to year by the Faculty and is entitled to his tuition for the year.

**HIGH SCHOOL SCHOLARSHIP.**—To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to one graduate from each high school in Illinois, the course of study in which is equivalent to that required in Blackburn Academy. The conditions are that it shall be given to that graduate



who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

**THE WOMAN'S CLUB SCHOLARSHIP.**—For several years the Woman's Club of Carlinville has paid the tuition of at least one girl who wished to study at Blackburn.

This scholarship was awarded in 1905-6

to

Myrtle Lawrence.

**COLLEGE AND ACADEMY SCHOLARSHIPS.**—A limited number of scholarships, each covering the tuition, is available for students of the College and Academy of high attainments and irreproachable character. These are awarded when a student first enters the institution, upon the basis of his attainments elsewhere and the recommendation of those well acquainted with him. Such scholarships as these will also be awarded to students of the College and Academy upon the basis of the record they have made in the institution. Failure to maintain the required standing, or the incurring of College discipline, will lead to the revoking of such a scholarship.

Only students in real financial need of such aid will be granted one of these scholarships. Those interested should communicate with the Dean.

**THE FITCH SCHOLARSHIP.**—A fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students of the University from Bond County.

**THE CHICAGO HARVARD CLUB SCHOLARSHIP.**—At its annual meeting, December 14, 1897, The Harvard Club of Chicago established a scholarship at Harvard University of the annual value of three hundred dollars. This scholarship is open to the graduates of the universities and colleges of Illinois, who wish to pursue a course of study at the Graduate School of Harvard University. Applications must be made before May 1st in each year, and senior students about to finish their under-graduate course are eligible as candidates. Communications from candidates for the academic year, beginning October 1st next, should be addressed to Marton Denison Hull, chairman of the Scholarship Committee of the Harvard Club of Chicago, 1303 Chamber of Commerce, Chicago, Illinois.

## OTHER AIDS

FROM THE BOARD OF EDUCATION.—The Board of Education of the Presbyterian Church assists young men, studying for the Presbyterian ministry, to the amount of about \$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry, and must be members of one of the four classes in the College.

STUDENT JANITORS.—It is customary to employ four or five students as janitors. They are paid at the rate of \$5.00 a month each, this being sufficient to pay about half their board in the College Boarding Club. These students are chosen by the Faculty, with special reference to their need and worth. One student is also appointed bell-ringer and is given the use of Room 41.

EMPLOYMENT BY CITIZENS.—A limited number of young men and women find homes with private families in the town, where they pay their board by work. Business houses, especially printing establishments, afford occasional opportunities for employment.

# General Information

## Location and Equipment

**LOCATION.**—Carlinville, the county seat of Macoupin County, Illinois, where the College is situated, is a city of about four thousand inhabitants, forty miles from Springfield and sixty miles from St. Louis. The Chicago & Alton Railroad, the main line from Chicago to St. Louis, and a newly acquired road running east and west and known as the Quincy, Carrollton & St. Louis Railroad, afford access from every direction. The Illinois Traction System, which runs electric cars hourly from Decatur and Springfield through Auburn, Virden, Girard, and Carlinville to Gillespie, Staunton, and Edwardsville, adds to the accessibility of the institution.

**GROUNDS AND CAMPUS.**—The campus contains ten acres, well shaded by large maples. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are foot ball and base ball grounds and tennis courts.

**UNIVERSITY HALL.**—This building, completed in 1868, is a three-story brick structure, containing, on the first floor, rooms for the Academy, the Department of Mathematics, the Oioparthenian Society, and the Young Men's Christian Association and reading room combined; on the second floor, the chapel, president's office, the library and several recitation rooms; on the third floor, the students' rooms. In the basement are the refectory, bath room, gymnasium, and the steam-heating plant.

**ROBERTSON HALL.**—North and west of University Hall stands Robertson Hall, containing, on the first floor, rooms for biology, physics, and chemistry; on the second floor, the Taylor Museum; and on the third floor, rooms used by the young men's literary societies. This building was provided by the liberality of Dr. William A. Robertson and his wife.

**MINTON OBSERVATORY.**—A little to the west of Robertson Hall is the Minton Observatory, donated by the late Robert B. Minton, who for twenty-seven years was connected with Blackburn as principal of the academy and professor of mathematics. In this building there is a seven-inch, equatorially mounted telescope, made by Loomis of Carrollton.

**NUTTING HALL.**—Just south of the College campus, on College Avenue, is the building known as Nutting Hall, which, during the past

year, in consequence of the generous efforts of the Carlinville Woman's Club, has been available as a home for the young women of the College and Academy. There, under the best supervision, good board and room may be obtained at reasonable rates.

Young ladies are strongly urged to avail themselves of the advantages of this home. Those who prefer to room and board elsewhere must get the approval of the Faculty for the place they select. Close supervision is exercised over each pupil. The cost at different places in the city is from three to four dollars a week.

**TAYLOR MUSEUM.**—This museum, as already noted, is upon the second floor of Robertson Hall. It was donated by Julius S. Taylor, M. D. Ph. D., a friend and correspondent of Agassiz. It is the life-work of the venerable donor, representing fifty years of scientific study, collection and exchanges. More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, and curiosities from foreign missionary fields, together with a beautiful collection of shells and corals, are grouped here.

Additions to this collection were made in 1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally, while the Illsley and Buffington collections were added later.

**CHEMICAL LABORATORY.**—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas, and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The laboratory fee covers only the cost of materials. Breakage of apparatus is charged to the students.

**PHYSICAL LABORATORY.**—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

A Wimshurst's electrical machine, with Roentgen ray appliances, has recently been installed.

**THE LIBRARY.**—This is situated on the second floor of University Hall. It embraces works on history, science, linguistics, archaeology, literature, and theology. It contains a number of rare books, valuable specimens of the bookmaker's art, more than three hundred years old.

During the past year several hundred dollars, in part the gift of generous friends of Blackburn, has been expended for books.

**GYMNASIUM.**—Recreation and physical development are secured by

the judicious use of the gymnasium. Students have access to the rooms every afternoon. A full complement of gymnasium apparatus is provided; parallel bars, horizontal bar, traveling rings, flying rings, climbing rope, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards, and tumbling mats.

DORMITORY FOR YOUNG MEN.—The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated and are heated by steam. Furniture must be provided by the occupant, though a limited amount may be rented or purchased from the College. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students who room in the building have control of the College refectory, at which board is furnished at cost, averaging from two to three dollars a week.



# Student Organizations

YOUNG MEN'S CHRISTIAN ASSOCIATION.—This association has been established for many years. Generally a large number of the young men are members. Meetings are held each Thursday afternoon. A room on the first floor of University Hall has been fitted up during the present year for this organization.

READING ROOM ASSOCIATION.—This association, organized in part during the present year, occupies the same room as the Y. M. C. A. Several current monthly and weekly magazines, together with Chicago and St. Louis newspapers, are on file.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.—This organization established in the winter of 1904-5, takes a prominent place in the life of the institution. Meetings are held every week. Under the direction of its officers the Bible is studied systematically.

LITERARY SOCIETIES.—Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate oratory, and parliamentary law are afforded.

1. The OIOPARTHENIAN SOCIETY is open to all young women in the institution. Their hall has been redecorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The ORTHOPATETIC SOCIETY for young men has a good hall in the Science Building. In connection is a reading room stocked with books and magazines.

3. The PHILOMATHEAN SOCIETY for young men occupies a neatly furnished and well lighted hall in the Science Building.

BLACKBURN ORATORICAL ASSOCIATION.—The ORATORICAL ASSOCIATION is a member of the Illinois Inter-Collegiate Oratorical Association and is represented in the State contest held each October.

THE BLACKBURNIAN.—The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

BLACKBURN ATHLETIC ASSOCIATION.—The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the college.



# The Academy

The work in this department is designed to prepare students to enter Blackburn College or any other similar institution of higher learning. The instruction is thorough, given by young men and women fresh from the best institutions in the country, and by the regular professors of Blackburn College. In this way the Blackburn ideals, coupled with those of other prominent educational centres, mold the minds and characters of the students so that they may carry on advanced work both with profit and pleasure.

There are three distinct courses, so planned as to enable students to matriculate in the College for the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of Science, at the earliest time possible.

Students are permitted to enter any class for which they are prepared, and they are classified in the catalogue according to the major part of their work. Those who are not in regular standing in any class are urged to make up the deficiencies as early as possible.

Diplomas are granted only to those students who have completed sufficient work to enable them to matriculate in Blackburn College for one of the above degrees. No diploma will be granted to any student for less than a year's residence.

Students who, at the end of their senior year in the Academy, have finished all but one or two subjects, will be granted their diplomas when the work is complete. This will commonly be one year later.

## I. BIBLE.

A, B, C. Bible Study. Introduction to some of the simple, but important facts and truths of the Bible. Reading both in private and in the classroom of selected portions of both the Old and New Testaments. One hour a week throughout the year. Required of all students in the second and third years.

D, E, F. Bible Study. Work similar to Course A, B, C, but different parts of the Bible selected. One hour a week throughout the year. Required of all students in the second and third years. This course alternates with Courses A, B, C.

## II. ENGLISH.

The work in this department aims to familiarize the students with the best English and American literature, and to develop within them

a taste for it. At the same time thorough drill is given in the foundations of the English language with the aim to enable the students to express themselves accurately and easily in their mother-tongue.

A, B, C. Advanced Grammar. Composition and Rhetoric. Study of the short story. Readings from selected English and American authors. Five hours a week throughout the first year.

D, E, F. Composition and Rhetoric. History of American literature with readings from selected American authors. Five hours a week throughout the second year.

G, H, I. Theme Work. History of English literature. Reading both in private and in the class of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. Three hours a week throughout the third year.

J, K, L. Advanced English. Theme work, advanced composition and rhetoric. Wide reading in selected authors. Two hours a week throughout the third year. Required of students who wish to matriculate for the degree of Bachelor of Science.

### III. FRENCH.

A, B, C. Elementary French. The same as French A, B, C in the College. Three hours a week throughout the third year. Required of students who wish to matriculate for the degree of Bachelor of Science. May be taken by other students instead of German A, B, C.

### IV. GERMAN.

The work in this department aims to meet the need of students to read German as ordinarily required for admission to College, and also to enable them to converse intelligently in the language.

A. Elementary German. The natural method will be used, and the class work conducted entirely in German. Worman's First German Book, or a similar work will be followed. Daily dictations. Three hours a week. First Term. Second or Third Year. Required of all students who do not take French.

B, C. Elementary German, continued. A German grammar, such as is used in the German Gymnasien, will be used. Writing of short descriptions in German. Selections for reading from Wendt's Lesebuch I. Three hours a week. Second and Third Terms of the Second or Third Year. Required of all students who do not take French.

## V. GREEK.

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course, that is, have studied both Latin and Greek, have generally surpassed, in vigor of thought and finish of style, their fellows who have neglected one or both of the classics. This department while not requiring the time devoted to Latin, is regarded as of equal value, and students are urged to take the one year course that they may pursue both to their pleasure and profit the courses offered in the College department of Greek.

A, B, C. Elementary Greek. The same as Greek A, B, C in the College. Five hours a week throughout the third year. Required of all students intending to matriculate for the degree of Bachelor of Arts.

## VI. HISTORY.

This department aims not to cram students with unrelated facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the race of which those events are but the index.

A. Ancient History. History of ancient nations down to, and including the beginnings of Greek history. Text-book and supplementary readings in larger works. Three hours a week. First Term. First year.

B. History of Greece. As complete a survey of Greek history as time will permit, together with the beginnings of Roman history. Text-book and additional readings in larger works. Three hours a week. Second Term. First Year.

C. History of Rome. The Roman Republic and Empire until the year 476 A. D. Text-book, supplementary readings in larger works, outlines. Three hours a week. Third Term. First Year.

D. English History. From the earliest times to the accession of Henry VII., together with important events and persons on the Continent. Text-book with parallel readings in larger works. Three hours a week. First Term. Second Year.

E. English History. From 1485 to the accession of George III., with brief treatment of contemporary events and persons on the Con-

tinent. Text-book with parallel readings in larger works. Three hours a week. Second Term. Second Year.

F. English History. From 1760 until the present time with a full treatment of the British Colonial Empire as time will permit. Text-book with supplementary readings in larger works. Three hours a week. Third Term. Second Year.

G. American History. The discovery of North America, its occupation and colonization; progress of the colonies until 1765. Text-book and recitations. Reading from larger works upon American history is encouraged. Three hours a week. First Term. Third Year.

H. American History. Difficulties of the colonies with the mother-country, the struggle for independence, the confederacy, the constitution, and the United States under the constitution until the close of the second war with Great Britain. Text-book, recitations, and supplementary reading. Three hours a week. Second Term. Third Year.

I. American History. National progress after 1815, rise and decay of political parties, material development and expansion; Mexican and Civil wars, recent progress and events. Text-book, recitations, and supplementary reading. Three hours a week. Third Term. Third Year.

## VII. LATIN.

This department aims to give thorough preparation for College Latin, offering full courses in Latin Grammar, Composition, and Translation. Emphasis is laid upon correct, idiomatic English translation and in Virgil, upon fluency also. Especial attention is paid to the Latin derivatives in common use in the English language.

A. B. Beginning Latin. A thorough study of Collar and Daniell's First Year Latin, or its equivalent. Especial attention is given to pronunciation, inflections, and the fundamental forms of Latin Grammar Composition, both oral and written, and drill in accurate translation. Five hours a week. Third Term. First or Second Year.

C. Via Latina. Collar's Via Latina or equivalent, is read and carefully studied. Special attention is given to the application of Grammar as learned in Latin A and B. Composition and drill in idiom preparatory to Caesar. Five hours a week. Third Term. First or Second Year.

D. E. Caesar's Gallic War, Bks. I-IV. A reading course covering the first four books of Caesar's Gallic War. Drill in development of students' vocabulary and knowledge of Syntax. A study of the life



of Caesar and contemporary history. Latin Composition based on text gives a thorough and systematic review of Latin Grammar. Five hours a week. First and Second Terms. First or Second Year.

F. Sallust's Catiline. An introduction to Cicero and his times. Study of the conspiracy of Catiline and contemporary Roman history. Five hours a week. Third Term. First or Second Year.

G. H. Cicero. The four orations against Catiline, Archias, and the Manilian Law. Greater ease in translation and a more thorough comprehension of the author's thought receive attention in this study. Composition based on text covers same ground as Latin D, E, F, but goes more into detail. Five hours a week. First and Second Terms. Second Year.

I. Ovid. Selections from Ovid with drill in scansion, study of Latin Prosody, preparatory to Virgil. Five hours a week. Third Term. Second Year.

J, K, L. Virgil. Bks. I-VI. of the Aeneid, are carefully read, portions scanned, and rendered into metrical English. During the course a systematic and thorough review of Latin Grammar and study of Latin Composition are given. Five hours a week throughout the third year.

### VIII. MATHEMATICS.

The aim of this department is to fit students to carry on their work successfully in college and technical schools, or to meet the requirements of business. Thoroughness is the key-note.

A, B. Arithmetic. Careful attention given to the four rules, decimals, factoring, fractions, proportion, percentage, and roots. The instruction is adapted to the previous preparation and present aims of the students. It is designed to be especially helpful to those who expect to teach. Five hours a week. First and Second Terms. First Year.

C. Algebra. For beginners. It is thought that students after two terms of arithmetic will be ready to begin algebra and become familiar with some of the simpler concepts and processes. Five hours a week. Third Term. First Year.

D, E, F. Algebra. Thorough drill in factoring, least common multiple, fractions, radicals, roots, theory of exponents, and equations as far as quadratics. Five hours a week throughout the first year.

Designed for those students who give evidence of having had sufficient training in arithmetic.

G, H, I. Plain Geometry. The usual theorems are required, with especial emphasis upon original exercises. It is believed that the students obtain greater benefit from careful, independent preparation of a limited number of original proofs than from the effort to reproduce the written proofs of the text. Four hours a week throughout the second year.

J, K, L. Advanced Algebra. A review of beginning algebra through surds, exponents, and quadratics. Especially designed for those students who have had some algebra but not enough for college credit. One hour a week throughout the third year.

## IX. SCIENCE.

The work in this department is designed to introduce students to some of the simpler phenomena of the world viewed scientifically, and thus to put them in touch with the great field of science and pave the way for appreciative and profitable work in advanced courses in colleges or technical schools.

The instruction in geography, in particular, aims, not merely to familiarize students with the grand divisions, countries, and states in the world, but more especially to enable them to see the relations between the configuration of the earth's surface and the great historical and economic movements.

A. Geography. This course is designed as a special preparation for the study of history. Text-book, maps, globes. Two hours a week. First Term. First Year.

B. C. Physical Geography. Special emphasis laid upon the influence of physical conditions upon the history of nations. This course is designed to be especially helpful as the basis for later study of biology and geology. Two hours a week. Second and Third Terms. First Year.

D. Elementary Zoology. An introduction to the study of animal life. Text-book, recitation, and laboratory practice. Two hours a week. First Term. Second or Third Year.

E. Physiology. A study of the human body, its construction, functions, and needs. Text-book and recitations. Two hours a week. Second Term. Second or Third Year.

F. Elementary Botany. An introduction to the study of plant-



life. Text-book, recitation, and laboratory practice. Two hours a week. Third Term. Second or Third Year.

G, H, I. Elementary Physics. An introduction to the subjects usually included in a course in general physics. The class work consists of recitations from the text, solution of problems, and occasional lectures on different points. Many experiments illustrating the text matter are tried by the class or performed by the professor. Three hours a week throughout the third year.

# Courses by Years

## Required for Matriculation for the Degree of Bachelor of Arts

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English A, B, C.. 5		English D, E, F.. 5		English G, H, I.. 3	
*Latin A, B, C..		Latin G, H, I.. 5		Latin J, K, L.. 5	
or D, E, F.. 5		History D, E, F.. 3		Greek A, B, C.. 5	
History A, B, C.. 3		Bible A, B, C.		German A, B, C..	
**Math. A, B, C..		or D, E, F.. 1		or	
or D, E, F.. 5		Math. G, H, I.. 4		§French A, B, C.. 3	
Science A, B, C.. 2		Science D, E, F.. 2		Bible A, B, C..	
				or D, E, F.. 1	
				Math. J, K, L.. 1	
				Science G, H, I.. 2	

\* Latin A, B, C is required of students who are not prepared to read Caesar.

\*\* Mathematics A, B, C is required of students who are not prepared for algebra.

§ French A, B, C may be taken instead of German A, B, C.

## Required for Matriculation for the Degree of Bachelor of Philosophy

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English A, B, C.. 5		English D, E, F.. 5		English G, H, I.. 3	
*Latin A, B, C..		History D, E, F.. 3		Latin J, K, L.. 5	
or D, E, F.. 5		Latin G, H, I.. 5		History G, H, I.. 3	
History A, B, C.. 3		German A, B, C..		German 1, 2, 3..	
**Math. A, B, C..		or		or	
or D, E, F.. 5		§French A, B, C.. 3		§§French 1, 2, 3.. 3	
Science A, B, C.. 2		Bible A, B, C..		Bible A, B, C.	
		or D, E, F.. 1		or D, E, F.. 1	
		Math. G, H, I ... 4		Math. J, K, L.. 1	
				Science D, E, F.. 2	
				" G, H, I.. 3	

\* Latin A, B, C is required of students who are not prepared to read Caesar.

\*\* Mathematics A, B, C is required of students who are not prepared for algebra.

§ French A, B, C may be taken instead of German A, B, C.

§§ French 1, 2, 3 is required of students who took French A, B, C the previous year.

Required for Matriculation for the Degree of Bachelor of Science

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English A, B, C..	5	English D, E, F..	5	English G, H, I..	3
Latin A, B, C..	5	Latin D, E, F..	5	“ J, K, L..	2
History A, B, C..	3	History D, E, F..	3	History G, H, I..	3
*Math. A, B, C..		German A, B, C..		German 1, 2, 3..	
or D, E, F..	5	or		or	
Science A, B, C..	2	**French A, B, C. 3		§French 1, 2, 3..	3
		Bible A, B, C..		§§German A, B, C.	
		or D, E, F..	1	or	
		Math. G, H, I..	4	French A, B, C..	3
				Bible A, B, C..	
				or D, E, F..	1
				Math. J, K, L..	1
				Science D, E, F..	2
				“ G, H, I..	3

\* Mathematics A, B, C is required of students who are not prepared for algebra.

\*\* French A, B, C may be taken instead of German A, B, C.

§ French 1, 2, 3 is required of students who took French A, B, C the previous year.

§§ In case French A, B, C was taken the previous year, German A, B, C is required this year, and vice versa.

# Music

## Piano Course.

### FIRST GRADE.

- Studies..... { Standard Grade Course—W. S. B. Matthews.  
Wieck.  
Scales.
- Compositions..... { Exercises in writing notes and transposition.  
Kleinmichel: Clavier Spielen, (4 hands), 1st book.  
Gurlitt: op. 18, (4 hands); Low, Dennee, Sartorio,  
(4 hands).

### SECOND GRADE.

- Studies..... { Duvernoy; op. 120-3 books.  
Scales and Arpeggios.  
Czerny.  
Minor Scales.  
Schmoll: Execution, Phrasing, Expression.
- Compositions..... { Clementi, Kuhlan, Lange, and Burgmuller.  
Concone, Sartorio, Heins, Lichner, Dennee.

### THIRD GRADE.

- Studies..... { Bach: Twelve Little Preludes.  
Heller: Opus 47, 46, 45.  
Mason's Touch and Technic.  
Lœschorn: op. 66, 3 books.  
Minor Scales.
- Compositions..... { Selections from Schubert, Weber, Mozart, Beeth-  
oven, (4 hands).  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.

## FOURTH GRADE.

Studies..... { Bach: Two Part Inventions.  
Czerny: op. 740.  
Taussig: Daily Studies.  
Jensen: Characteristic Studies, op. 32.

Compositions..... { Schubert: Marche, (4 hands).  
Grieg, Henselt, Chopin, Chaminade.  
Schubert, Rubenstein, Leschetizky.  
Moscowki, Handel.

## FIFTH GRADE.

Studies..... { Bach: French Suites.  
Bach: Suites Anglaises.  
Heller: Art of Phrasing, op. 6.  
Clementi: Gradus ad Parnassum.  
Kullak: Octave Studies.  
Moschelle: op. 70.

Compositions..... { Beethoven, Schubert, Schuman.  
MacDowell, Chopin.  
Moskowski, Meyer-Helmund.  
William Mason.

## SIXTH GRADE.

Studies..... { Chopin: op. 0....op. 25.  
Bach, Vogrich.

Compositions..... { Brahms, Heller, Wagner.  
Liszt, Chopin, Schuman.  
Steiner's Harmony.  
Filmore's History of Music.

## Vocal Course.

## FIRST GRADE.

Lessons in breathing and production of tone. Study of intervals

and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger, and Concone.

#### SECOND GRADE.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

#### THIRD GRADE.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies of Sieber, Marchesi, Lamperti. More difficult songs. Church music.

#### FOURTH GRADE.

More advanced studies for equalizing the voice in all registers, broadening the technique, and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

Pupils' recitals are held on the third Saturday of each month.



# Degrees Conferred in 1905

The Degree of Bachelor of Philosophy  
upon

Victor Mieher and Olive Gertrude Wilson.

The Degree of Bachelor of Science  
upon

Harrison E. Cunningham and Jacob Otto Sanner.

## Students

### Graduates

- Cornelia Rider Burton.....Carlinville  
A. B. (Blackburn University) 1903. Graduate Student at Bryn Mawr,  
1903-4. German, French, English. Enrolled candidate for A. M.
- David Bell Gore.....Carlinville  
Ph. B. (Blackburn University) 1904. Sociology, Economics, History.  
Enrolled candidate for A. M.
- Victor Herman Hemphill.....Carlinville  
Sc. B. (Blackburn University) 1902. LL. B. (St. Louis Law School)  
1905. Sociology, Economics, History. Enrolled candidate for A. M.

## Undergraduates

### Seniors—Class of 1906.

Albert George Grassel.....	Butler
Florence Murillo Hassett.....	Carlinville
Charles Allen Hounsley.....	Carlinville
Margaret Elizabeth Hubbard.....	Carlinville
Frank Edwin Wilson.....	Carlinville

### Junior—Class of 1907.

John Loy Bowman.....	Raymond
----------------------	---------

### Sophomores—Class of 1908.

Martha Lou Burke.....	Carlinville
Charlotte Crew .....	Carlinville
Fay Fanning .....	Carlinville
Lois Johnson .....	Carlinville
Juanita Robison .....	Carlinville
Earl B. Searcy .....	Carlinville
Flora Steinmeyer .....	Carlinville
Helen Steward .....	Carlinville
Hope Fern Tongate.....	Carlinville

### Freshmen—Class of 1909.

Charles Bohrman .....	Carlinville
Edward C. Denby.....	Carlinville
Joseph Gore .....	Carlinville
John Homer, Jr.....	Carlinville
Edwin Loehr .....	Carlinville
Gustav Mueller .....	Carlinville
John Rudolph Raab.....	Carlinville
Thomas Kelly Rinaker.....	Carlinville
Victor Robison .....	Carlinville
Beatrice Smith .....	Carlinville
Stella Surman .....	Carlinville
Fred L. Wilson.....	Carlinville

## Special Students.

Rivers M. Anderson.....	Carlinville
Otto Balcar .....	Monticello, Iowa
Earl Canady .....	Carlinville
Edna Clanton .....	Carlinville
William H. Haynes.....	Waggoner
Robert Hite .....	Kansas
Ruth Keplinger .....	Carlinville
Charles D. McCollom.....	Carlinville
Emma Meyers .....	Assumption
Edward O'Neil .....	Carlinville
Carrie E. Turnbull.....	Carlinville

# In the Academy

## Third Year—Class of 1906.

Luciel Anderson .....	Carlinville
Frank Bleuler .....	Carlinville
Loura Herrick .....	Carlinville
Norma Hoblit .....	Carlinville
William Ayers Keplinger.....	Carlinville
George Oreutt .....	Gillespie
William L. Searcy .....	Carlinville
Hugh P. Stevens.....	Palmyra
Frank Wallis .....	Butler

## Second Year—Class of 1907.

Mark Boosinger .....	Gillespie
Beatty T. Burke.....	Carlinville
Myrtle Lawrence .....	Carlinville
Nellie Russell .....	Hornsby

## First Year—Class of 1908.

Russell Bartlett .....	Gillespie
Rosa Bowman .....	Rockbridge
Herbert Etter .....	Reader
Ella Gaspard .....	Carlinville
Minnie Robinson .....	Carlinville
Joseph Slivka .....	Macoupin
Oliver White .....	Carlinville
Maude Wilson .....	Carlinville
Geraldine Woodward .....	Carlinville

## Special Students.

Sophia Chappell .....	Carlinville
Violet Francis .....	Gillespie
Merle McManus .....	Palmyra
Nellie Morris .....	Gillespie
Ivan R. Pocklington .....	Carlinville
Mayme Robinson .....	Hagaman
Vevia Rodiner .....	Gillespie

Edith Thomas .....	Gillespie
Byron F. Towse .....	Chesterfield
Grace Wilton .....	Chesterfield
Frank Wood .....	Hagaman
Mabel York .....	Carlinville

### Summary.

#### IN THE COLLEGE.

Graduates .....	3
Seniors .....	5
Juniors .....	1
Sophomores .....	9
Freshmen .....	12
Specials .....	11
	<hr/>
	41

#### IN THE ACADEMY.

Third Year .....	9
Second Year .....	4
First Year .....	9
Specials .....	12
	<hr/>
	34
Total .....	75

# Music Department

## VOCAL.

Nellie Boswell .....	Shipman
Earl Canady .....	Carlinville
George B. Cawthorne.....	New Lisbon, Wis.
Mrs. F. H. Colver.....	Carlinville
Agnes Davis .....	Carlinville
Myrtle Denby .....	Carlinville
Mrs. O. C. Hartley.....	Carlinville
William H. Haynes.....	Waggoner
Mae Hoblit .....	Carlinville
Mrs. Elizabeth Kauerauf.....	Carlinville
Lydia Mayer .....	Carlinville
Anna Mieher .....	Carlinville
Mrs. E. B. Peebles.....	Carlinville
Mildred Rowe .....	Carlinville
Mrs. J. B. Searcy .....	Carlinville
William Searcy .....	Carlinville
Beatrice Smith .....	Carlinville
Hugh P. Stevens.....	Palmyra
Fred L. Wilson.....	Carlinville
Maude Wilson .....	Carlinville
Olive Wilson .....	Carlinville
Byron F. Towse .....	Chesterfield

## INSTRUMENTAL.

Luciel Anderson .....	Carlinville
Russell Bartlett .....	Gillespie
Rosa Bowman .....	Rockbridge
Ethel Calvin .....	Carlinville
Lutie Mae Caudry .....	Gillespie
Edna Clanton .....	Carlinville
Charlotte Crew .....	Carlinville
Bessie Crowder .....	Carlinville
Marguerite Davenport .....	Carlinville
Fay Fanning .....	Carlinville
Violet Francis .....	Gillespie



Flora Gillman	Carlinville
Marie Gillman	Carlinville
Nora Geslka	Carlinville
Peter Heinz	Carlinville
Helen Homer	Carlinville
Arthur Isaacs	Gillespie
Edith Keplinger	Carlinville
Elfie Klas	Carlinville
Howard Knotts	Carlinville
Laura Link	Gillespie
Adele Loehr	Carlinville
Annie Madden	Carlinville
Nola McCollom	Carlinville
Marguerite Meyer	Carlinville
Emma Meyers	Assumption
Maryon Mounts	Carlinville
Alma Mueller	Carlinville
Hustav Mueller	Carlinville
George Owen	Carlinville
Janet Rinaker	Carlinville
Mayme Robinson	Hagaman
Luana Robison	Carlinville
Levia Rodiner	Gillespie
Florence Ross	Gillespie
Margaret Ross	Carlinville
Mildred Ross	Carlinville
Wendell Ross	Carlinville
Florence Schoper	Carlinville
Leo Seaman	Carlinville
Martha Seecamp	Gillespie
Flora Steinmeyer	Carlinville
Helen Steward	Carlinville
Alma Teaman	Carlinville
Effie Thomas	Gillespie
Benevieve Westermeier	Carlinville
Loretta Westermeier	Carlinville
Heraldine Woodward	Carlinville
Lee Wooters	Carlinville

Norman Wooters .....	Carlinvi
Ida Zimmerman .....	Carlinvi

## SUMMARY.

Vocal .....	2
Instrumental .....	1
<hr/>	
Total .....	3
Counted twice .....	3
<hr/>	

# Domestic Science Department

## HOUSEKEEPERS' CLASS.

Luciel Anderson .....	Carlinville
Martha Lou Burke .....	Carlinville
Edna Clanton .....	Carlinville
Mrs. J. R. Duckles .....	Carlinville
Mrs. Wm. R. Hulse .....	Carlinville
Lois Johnson .....	Carlinville
Ruth Keplinger .....	Carlinville
Mrs. Thomas W. Lingle .....	Carlinville
Mrs. C. J. Lumpkin .....	Carlinville
Clara Mayfield .....	Carlinville
Emma Meyers .....	Carlinville
Mrs. Lesser Nathan .....	Carlinville
Mrs. James Owen .....	Carlinville
Mrs. Wm. Reed .....	Carlinville
Juanita Robison .....	Carlinville
Elizabeth Steinmeyer .....	Carlinville
Helen Steward .....	Carlinville
Beatrice Smith .....	Carlinville
Stella Surman .....	Carlinville
Hope Fern Tongate .....	Carlinville
Carrie E. Turnbull .....	Carlinville

## DEMONSTRATION CLASS.

Mrs. W. E. P. Anderson.....	Carlinville
Mrs. W. Alexander .....	Carlinville
Mrs. J. M. Barnes .....	Carlinville
Mrs. A. H. Bell .....	Carlinville
Mrs. Robert Bell .....	Carlinville
Mrs. W. H. Behrens.....	Carlinville
Mrs. E. A. Bleuler.....	Carlinville
Mrs. Bertie Burke .....	Carlinville
Mrs. Donald Burke .....	Carlinville
Mrs. Elsa Chiles .....	Carlinville
Mrs. John D. Conley .....	Carlinville
Mrs. Frank Cooper .....	Carlinville

Mrs. Walter Crew .....	Carlinvill
Mrs. R. E. Crumb .....	Carlinvill
Mrs. J. P. Denby .....	Carlinvill
Mrs. George Fanning .....	Carlinvill
Mrs. A. L. Hoblit .....	Carlinvill
Mrs. John Homer .....	Carlinvill
Miss Mabel Ibbetson .....	Carlinvill
Mrs. M. M. Kessinger .....	Carlinvill
Mrs. E. Knotts .....	Carlinvill
Miss Theresa Loehr .....	Carlinvill
Miss Ida Loveless .....	Carlinvill
Mrs. Hugh Minton .....	Carlinvill
Mrs. J. E. McClure .....	Carlinvill
Mrs. O. M. McCollom .....	Carlinvill
Mrs. William Mounts .....	Carlinvill
Mrs. Albert Mueller .....	Carlinvill
Mrs. Jesse Peebles .....	Carlinvill
Mrs. Thomas Rinaker .....	Carlinvill
Mrs. L. E. Ross .....	Carlinvill
Mrs. P. T. Ross .....	Carlinvill
Mrs. J. B. Searcy .....	Carlinvill
Mrs. Robert Shirley .....	Carlinvill
Mrs. William Steward .....	Carlinvill
Miss Bessie Valentine .....	Carlinvill
Mrs. John Westermeier .....	Carlinvill
Mrs. Robert Whitely .....	Carlinvill
Mrs. C. T. Woodward .....	Carlinvill
Mrs. J. E. Wooters .....	Carlinvill

## SUMMARY.

Housekeepers' Class .....	21
Demonstration Class .....	40
Total .....	61
Counted twice .....	12
	49

## COMPLETE ENROLLMENT.

College .....	41
Academy .....	34
Music Department .....	50
Domestic Science Department .....	49
Total .....	174

# \* TEXT-BOOKS

## For the Academy.

### LATIN.

First Year Latin: Collar and Daniell.  
New Caesar: Allen and Greenough.  
New Cicero: Allen and Greenough.  
New Virgil: Allen and Greenough.  
New Latin Grammar: Allen and Greenough.

### GREEK.

First Greek Book: White.  
Anabasis: Goodwin and White.  
Greek Composition: Collar and Daniell.

### ENGLISH.

Elements of English Composition: Kittredge and Arnold.  
Introduction to American Literature: Matthews.  
Riverside Literature Series.

### GERMAN.

First German Book: Worman.  
Lesebuch I.: Wendt.  
German Grammar: Such as is used in a German Gymnasium.

### HISTORY.

History of United States: Adams and Trent.  
Leading Facts of English History: Montgomery.

### MATHEMATICS.

Essentials for Beginning Algebra: Wells.  
Revised Plane and Solid Geometry: Wentworth.

### SCIENCE.

Physical Geography: Tarr.  
Human Body: Martin.  
Animal Life: Jordan and Kellog.  
Plants: Coulter.  
Physics: Carhart and Chute.

## For the College.

### PHILOSOPHY.

Logic: Creighton.  
Psychology: James. [Briefer Course.] Bowne.  
Ethics: Thilly, Bowne, Janet, Seth.  
History of Philosophy: Weber.

### SOCIAL SCIENCE.

Outlines of Practical Sociology: Wright.  
Political Economy: Fetter.

### LATIN.

Livy: Lincoln.  
Cicero's Letters: Kirkland.  
Tacitus [Germania and Agricola]: Allen.  
Horace, Odes and Epodes: Smith.

### ENGLISH.

Advanced Rhetoric: Genung.  
Principles of Argumentation: Baker.  
First Book in Old English: Cook.  
English Literature: Arnold.  
Selected English and American Classics.

### HISTORY.

History of Greece: Botsford.  
History of Rome: Botsford.  
Mediaeval Europe: Adams and Emerton.  
Modern Europe: Thatcher and Schwill.  
Elements of English Constitutional History: Montague.

\* Merely suggestive. Subject to change each year.

Horace, Satires and Epistles:  
Greenough.

Catullus: Merrill, or Crowell.

Latin Literature: Mackail.

Latin Writing: Mather and  
Wheeler.

Private Life of Romans: Johnston.

#### GREEK.

Anabasis: Goodwin and White.

Hellenica: Manatt.

Lysias: Bristol.

Iliad: Keep.

Odyssey: Perrin.

Plato, [Crito and Apology]:  
Dyer.

Sophocles, [Antigone]: D'Ooge.

Demosthenes, [Philippics]: Tar-  
bell or Tyler.

Aristophanes, [Clouds]: Hum-  
phreys.

Greek Testament: Westcott and  
Hort.

Greek Grammar: Goodwin.

Home Life of the Ancient Greeks:  
Blumner.

#### BIBLICAL HISTORY AND LITERATURE.

History of the Hebrew People:  
Kent.

The Literary Study of the Bible:  
Moulton.

#### PHYSICS AND CHEMISTRY.

Advanced Physics: Carhart.

Laboratory Manual: Chute.

Elements of Chemistry: Remsen.

#### MINERALOGY AND GEOLOGY.

Text-book of Mineralogy: E. S.  
Dana.

Revised Text-book of Geology:  
J. D. Dana.

#### FRENCH.

French Grammar: Frazer and  
Squair.

French Reader: Rollins.

Eugenie Grandet: Balzac.

Le Siege de Paris: Sarcey.

Historie de la litterature: Dem-  
oget.

Classics: Selected Editions.

#### GERMAN.

Deutsche Sprachlehre: Sanden.

Deutsches Lesebuch: von Hopf  
und Paulsiek.

Geschichte der deutschen Litter-  
atur: von Lexiner.

Classics: Selected Editions.

#### MATHEMATICS AND ASTRONOMY.

New Plane and Spherical Trig-  
onometry: Wentworth.

Analytical Geometry: Nichol.

Differential and Integral Calculus:  
Osborne.

Differential Calculus, [Prob-  
lems]: Byerly.

Integral Calculus: Byerly.

Surveying: Pease and Ketchum.

Determinants and Theory of  
Equations: Barton.

Manual of Astronomy: Young.

#### BIOLOGY.

Botany: Leavitt's Outlines, etc.:  
Gray's Manual.

Zoology: Elements, etc.: Need-  
ham.

Principles: Claus and Sedgwick.

Manual for Study of Insects:  
Comstock.

Osteology: Gray's Anatomy, etc.

Anatomical Technology: Wilder  
and Gage.





77

76

85

81

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72

90

93

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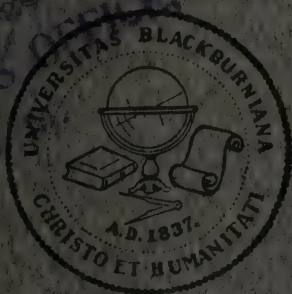
THE LIBRARY  
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BLACKBURN COLLEGE

THE CATALOGUE

1906-1907

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CARLINVILLE

PUBLISHED BY BLACKBURN UNIVERSITY

May, September, December, and March

Entered as second-class matter June 8, 1906, at the postoffice at Carlinville, Illinois,  
under the act of Congress of July 16, 1894.







# THE CATALOGUE

OF

# Blackburn College

CHARTERED 1857

1906-1907



CARLINVILLE, ILL.  
PUBLISHED BY BLACKBURN UNIVERSITY  
1907

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CARLINVILLE DEMOCRAT PRINT.  
Carlinville, Illinois

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# Calendar, 1906=07

1906.

*September 5. Wednesday.* Last day for undergraduates to hand in their lists of electives for the First Term.

*September 10-11. Monday and Tuesday.* Registration of new and old Students.

*September 12. Wednesday.* ACADEMIC YEAR BEGINS.

*September 29. Saturday.* Examination in Greek for the Department Prize.

*October 6. Saturday.* Examination in Latin for the Department Prize.

*November 29-30. Thursday and Friday.* THANKSGIVING RECESS.

*December 14. Friday.* Last day for handing in lists of electives for the Second Term.

*December 19-21. Wednesday to Friday.* Term Examinations.

*December 22, 1906, to January 7, 1907, Saturday to Monday inclusive.* CHRISTMAS RECESS.

1907.

*January 7. Monday.* SECOND TERM BEGINS.

*January 24. Thursday.* Day of Prayer for Colleges.

*February 22. Friday.* Washington's Birthday. No college exercises.

*March 23-28. Saturday to Wednesday.* Term Examinations.

*March 28, to April 2. Thursday to Tuesday inclusive.* SPRING RECESS.

*April 3. Wednesday. THIRD TERM BEGINS.*

*May 15. Wednesday. Essays due for the Faculty Prize.*

*May 30. Thursday. Memorial Day.*

*June 5-8. Wednesday to Saturday. Term Examinations.*

*June 8. Saturday. Annual Address before the Literary Societies.  
College Chapel, 8 P. M.*

*June 9. Sunday. Baccalaureate Sermon. Macoupin County Court  
House, 10 A. M.*

*June 9. Sunday. Annual Sermon before the Y. M. C. A. and the  
Y. W. C. A. Macoupin County Court House, 8 P. M.*

*June 10. Monday. Junior Shakespeare Play, College Grounds,  
10 A. M.*

*June 10. Monday. Alumni Baseball, College Grounds, 2 P. M.*

*June 10. Monday. Annual Oratorical Contest. Macoupin County  
Court House, 8 P. M.*

*June 11. Tuesday. Reunion Luncheon, College Campus, 1 P. M.*

*June 11. Tuesday. Class Reunions, 4 P. M.*

*June 11. Tuesday. Concert by the Blackburn Music Department.  
Macoupin County Court House, 8 P. M.*

*June 12. Wednesday. COMMENCEMENT DAY. Macoupin County  
Court House, 10 A. M.*

*June 12. Wednesday. President's Reception, 8 P. M.*

#### SUMMER VACATION.

*September 4. Wednesday. Last day for undergraduates to hand in  
their lists of electives for the First Term.*

*September 9-10. Monday and Tuesday. Registration of new and  
old Students.*

*September 11. Wednesday. ACADEMIC YEAR BEGINS.*

*November 28 to December 1. Thursday to Sunday inclusive.*

#### THANKSGIVING RECESS.



*December 13. Friday.* Last day for handing in lists of electives for the Second Term.

*December 18-20. Wednesday to Friday.* Term Examinations.

*December 21, 1907, to January 5, 1908, Saturday to Sunday inclusive.* CHRISTMAS RECESS.

1908.

*January 6. Monday.* SECOND TERM BEGINS.

*January 30. Thursday.* Day for Prayer for Colleges.

*March 21-25. Saturday to Wednesday.* Term Examinations.

*March 26-31. Thursday to Tuesday inclusive.* SPRING RECESS.

*April 1. Wednesday.* THIRD TERM BEGINS.

*May 15. Friday.* Essays due for the Faculty Prize.

*June 3-6. Wednesday to Saturday.* Term Examinations.

# BOARD OF TRUSTEES

## Officers of the Board

REV. T. D. LOGAN, PRESIDENT.  
HON. THOMAS RINAKEK, SECRETARY.  
HON. FRANK W. BURTON, TREASURER.

## The Board

REV. S. M. MORTON, D. D.	Effingham
HON. THOMAS RINAKEK	Carlinville
REV. W. H. PENHALLAGON, D. D.	Decatur
A. H. BELL	Carlinville
REV. JAMES E. ROGERS, D. D., Ph. D.	Springfield
HON. FRANK W. BURTON	Carlinville
REV. W. B. MINTON	Greenville
JOHN P. MATTHEWS, M. D.	Carlinville
D. W. TAYLOR	Litchfield
CHARLES G. BROWN	Divernon
THOMAS L. FANSLER	Evanston
REV. C. M. BROWN, D. D.	Jacksonville
REV. T. D. LOGAN, D. D.	Springfield
THEODORE C. LOEHR	Carlinville
JOHN WILSON	Carlinville
H. H. MONTGOMERY	Carrollton

## Prudential Committee

T. D. LOGAN,	S. M. MORTON,
THOMAS RINAKEK,	J. P. MATTHEWS,
FRANK W. BURTON,	A. H. BELL,
	C. M. BROWN.

CORPORATE NAME: The Blackburn University.

# THE FACULTY

THOMAS WILSON LINGLE, A. B., (Davidson College), M. A.,  
Ph. D., (Leipsic University), Graduate (Princeton Theological  
Seminary).—PRESIDENT.

*Professor of History and German.*

GREGORY DEXTER WALCOTT, A. B., (Brown University),  
M. A., Ph. D., (Columbia University), B. D., (Union Theological  
Seminary).—DEAN.

*Professor of Greek and Philosophy.*

JOHN DYKEMAN CONLEY, A. B., A. M., (Hamilton College),  
Ph. D., (Blackburn), *Professor of Chemistry and Geology,*  
*Emeritus.*

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*Professor of Biology.*

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sity), Graduate (Princeton Theological Seminary), Ph. D.,  
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*Professor of Latin, Psychology and Social Science.*

— — — — —  
*Professor of Physics and Chemistry.*

GRACE FLEMING SWEARINGEN, B. L., (Cornell University),  
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*Professor of English and French.*

GEORGE BURTON CAWTHORNE, A. B., (Beloit College).

PRINCIPAL OF THE ACADEMY.

*Instructor in Latin and German.*

MARY CARR BURHANS, A. B., (Western College).

*Instructor in English and History.*

JOHN PALMER MATTHEWS, M. D. . . . . *Medical Adviser*

MRS. ROBERT O. PURVIANCE . . . . . *Piano*

NELLIE REBECCA MESSICK, A. B., (Blackburn) . . . . . *Piano*

MRS. TRUMAN GORE . . . . . *Vocal Music*

OLIVE GERTRUDE WILSON, Ph. B., (Blackburn) . . . . . *Elocution*

# History of Blackburn College

In 1835, the Rev. Gideon Blackburn, D. D., a Presbyterian minister residing in Carlinville, Illinois, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of the early colleges in New England and the East, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry by giving them such instruction in the Holy Scriptures as might enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Since the United States Government at that time was placing upon the market large tracts of land in this region, Dr. Blackburn volunteered to give his personal services in entering land for the friends of the cause on the following terms: Two dollars were to be paid him for each acre entered; of this amount he was to pay one dollar and a quarter an acre for the land, reserve twenty-five cents for his own services, and invest the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds sufficient to enter a fraction over 16,656 acres for the College. These lands were situated chiefly in Macoupin and Montgomery Counties.

To secure the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College buildings.

These lands were all entered in Dr. Blackburn's name, but in May, 1837, he deeded them to certain trustees for the purpose of founding and maintaining the institution which he had originally planned. In 1857, the trustees, acting in accordance with the instructions of the deed, obtained a charter from the legislature.

Soon after the charter was obtained, the Rev. John C. Downer was chosen financial agent, and A. McKim Dubois, Esq., treasurer, while a building also was erected on the present site at a cost of \$12,000. In 1859 a primary school was opened in this building with Mr. Downer as principal and Mr. Clarke as assistant, the latter doing most of the teaching. This school continued for two

years, but since the number of students was small, the building was closed in 1861 and stood vacant for a year.

In the autumn of 1862, Mr. Robert B. Minton became principal of the school and employed Mr. Homer Love to assist him in teaching. Their efforts to inspire confidence in the institution and to secure students were successful, since the records show that as many as thirty-eight pupils were in attendance at one time during the year. From that time until the present the school has continued without interruption, and today as Blackburn Academy, is a vital part of the institution.

In the year 1864-65, a full collegiate course of study, both classical and scientific, was adopted; young women were admitted to all the classes with the same privileges as young men; and the first catalogue was printed.

At the beginning of the academic year in September, 1867, the Rev. John W. Bailey, D. D., was elected Blackburn professor of theology, and the theological department was organized. The department continued for many years, and although the number of students in it was not large, nevertheless those who graduated have served, and are serving, the Presbyterian church in a large way. During this year, also, the building was enlarged and improved at an expense of \$35,000.

In the following year, the legislature, by request of the Trustees, changed the name of the institution from Blackburn Theological Seminary to Blackburn University which has continued to be the official name down to the present time.

With the enlargement of the faculty and the increase in the number of students, it became necessary for the institution to have an official head. Consequently Professor Bailey was appointed president in 1871. He discharged the duties of that office until 1876, and, after the lapse of a year, was succeeded by the Rev. E. L. Hurd, D. D., who served until 1891. Under his management the College maintained its place among the educational institutions of Illinois.

In the autumn of 1891, Richard Edwards, LL. D., ex-Superintendent of Public Instruction in Illinois, was called to the presidency and continued in that position for two years. At the end of that time, however, ill health compelled him to withdraw



from the responsibilities which, during his term of office, he had discharged with marked advantage to the College.

The next president was the Rev. James E. Rogers, D. D., of Chattanooga, Tenn. He fulfilled the requirements of his position with credit to himself and profit to the institution from June, 1893, until 1896, when he was called to the pastorate of the Third Presbyterian Church of Springfield, Illinois, where he is still laboring.

After a year's time, during which Professor W. H. Crowell was the acting president, the Rev. Walter H. Bradley, Ph. D., who for several years had been a member of the faculty, was appointed dean, and for eight years guided the College through one of its most critical periods. Too much cannot be said in praise of the tact, patience, and perseverance which Dr. Bradley displayed in the conduct of the affairs of the institution during his administration.

In the autumn of 1904, the Rev. Thomas W. Lingle, Ph. D., was chosen financial agent. The energy he displayed and the success he attained in his field, together with his recognized ability as an educator, led to his election as president in June, 1905. Under his management the whole institution has advanced along lines already well established, and has also begun to develop in new directions, thus giving promise of ultimately realizing, in large measure, the ideals of its founders. The faculty has been enlarged and strengthened. Steps have been taken to secure an increased endowment of \$100,000. Success seems assured since a large sum has already been pledged. Mention may also be made of several bequests, promised during the past year, which, when available, will be of material advantage to the institution. The prospects for large usefulness were never better.

## THE CHARTER

An act to Incorporate "Blackburn Theological Seminary."

Whereas, the Rev. Gideon Blackburn, D. D., by his Deed of May thirty-first, A. D. 1837, conveyed to certain Trustees therein named, certain Real Estate in the State of Illinois, requiring the said Trustees, or the Trustee or Trustees who may be chosen to succeed them, to use their best efforts to procure an Act of the



Legislature of this State to Incorporate an Institution of Learning, the object of which shall be to promote the general interests of education, and to qualify young men for the office of the Gospel Ministry by giving them such instruction in the Holy Scriptures as may enable them to perform the duties of that high and holy vocation acceptably and usefully in the world; now, therefore,

SECTION I. Be it enacted by the People of the State of Illinois, represented in the General Assembly, that David A. Smith, Albert Hale, James C. Conkling, John C. Downer, A. McKim Dubois, John M. Palmer, Philander Braley, Augustus T. Norton, Robert W. Patterson, William H. Brown, Edward H. Johnston, and Anderson M. Blackburn, the present Trustees under the said Deed, be and they are hereby constituted a body corporate and politic, by the name and style of "Blackburn Theological Seminary;" and by that name may sue and be sued, plead and be impleaded in all courts and places where justice is administered; shall have perpetual succession; may acquire by purchase, gift, devise or otherwise, any and all, estate, real, personal or mixed, that may be necessary to carry out the purposes herein before expressed; and may sell and convey any estate that they may possess or hereafter acquire, at their pleasure; may have, use and alter a common seal; shall make such by-laws for the regulation of the Institution as may to them, or a majority of them, seem best designed to promote its highest interests and success; shall prescribe the System of Theology to be taught, and the Course of Studies to be pursued in said Institution and in the Preparatory Departments attached thereto; fix the rates of tuition and other necessary expenses; appoint professors and such other officers and agents as may be needed in managing the concerns of the Institution; define their duties, powers and employments, fix their compensation, or remove them from office; shall erect necessary buildings, purchase books and other suitable means of instruction; and make rules for the general management of the affairs of the Institution, and the regulation of the conduct of the students.

SECTION II. The Trustees shall have power as often as a Trustee shall remove from the State, die, resign or be removed from office, to fill the vacancy by some resident of the State; and

shall have power to remove any Trustee from his office for dishonorable or criminal conduct.

*Provided.* That no such removal shall take place without giving to such Trustee notice of the charges exhibited against him, and an opportunity to defend himself before the Board, nor unless two-thirds of the whole number of Trustees for the time being shall concur in such removal.

SECTION III. Said Trustees shall have power to require from any and all officers appointed by them, bonds with sufficient security for the faithful performance of their duties.

SECTION IV. A majority of the Board convened at any regular meeting, shall be a quorum for the transaction of business.

SECTION V. No applicant for the benefits of the Institution, who is a professor of religion in any of the generally acknowledged Protestant denominations, shall be excluded from the same on account of denomination; but immorality of conduct shall always be a justifiable ground of exclusion.

SECTION VI. All property, real, personal or mixed, of said Incorporation, shall be forever free from taxation from all and every purpose whatever.

NOTE. After the adoption of the new Constitution of this State this section was tested. An appeal was carried from Chicago to the Supreme Court of the United States and a decision obtained "that all such charters as this must be respected by the State, and if unforfeited, they exempt the Institution from taxation forever."

SECTION VII. Upon acceptance of this Act of Incorporation by the Trustees under the Deed of the said Gideon Blackburn, they shall immediately transfer all the lands and other property now in their name or possession to the Corporation hereby created; and all suits to which they are parties, pending at the time of such transfer, shall be prosecuted to final termination in the name of said Corporation, as if such transfer had not been made.

SECTION VIII. This Act shall take effect and be in force from and after its passage.

SAMUEL HOLMES,  
Speaker of the House of Representatives.

JOHN WOOD,  
Speaker of the Senate.

Approved February 13th, 1857.

WM. H. BISSELL.

An Act to amend an act entitled "An act to incorporate Blackburn Theological Seminary," approved February 13th, 1857.

SECTION 1. Be it enacted by the People of the State of Illinois, represented in the General Assembly, That the corporate name of the Blackburn Theological Seminary be changed and the same is hereby changed, to that of "The Blackburn University." That all the rights, duties and obligations of the Blackburn Theological Seminary, together with all such rights and privileges as are common to universities, including the right to confer all customary academic and honorary degrees in the arts and sciences, shall belong to and by this act are conferred upon the Blackburn University. And that the provisions of the fourth section of the act of February 17th, 1851, entitled, "An act for a theological and mineralogical survey of the state of Illinois," shall extend to and include the said Blackburn University as though the said university had been empowered to confer degrees in the arts and sciences at the time of the passage of said act.

SECTION 2. This act to take effect and be in full force from and after its passage.

Approved March 8, 1869.

## REQUIREMENTS FOR ADMISSION

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismissal.

Students from academies and high schools, whose courses of study have been approved by the Faculty, will be admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received *will be considered probationary*, and students manifestly deficient in preparation may be at any time dropped from the class.

School boards or principals, who wish to have students admitted on diplomas or certificates, are requested to correspond with the President.

### ENGLISH.

The requirements for admission to Freshman English are: (a) ability to read intelligently and appreciatively a piece of literary English no more difficult than the works named below; (b) familiarity with the subject matter, logical structure and the style of the works prescribed by the Committee on Uniform Entrance Requirements in English; (c) ability to write accurately and clearly upon simple subjects of human interest, as well as upon the literary pieces presented for entrance.

No student will be admitted whose written work shows a marked deficiency in English Grammar, or English Spelling.

List of books required for Uniform College Entrance Examinations in English for the years 1906-1911.

1906-1908.

### READING AND PRACTICE.

Shakespeare's Merchant of Venice and Macbeth; The Sir Roger de Coverley Papers in "The Spectator;" Scott's Ivanhoe and Lady

of the Lake; George Eliot's *Silas Marner*; Coleridge's *Ancient Mariner*; Lowell's *The Vision of Sir Launfal*; Tennyson's  *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*; Irving's *Life of Goldsmith*.

#### STUDY AND PRACTICE.

Macaulay's *Essay on Addison*, *Life of Johnson*; Burke's *Speech on Conciliation with America*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Shakespeare's *Julius Caesar*.

1909-1911.

#### READING AND PRACTICE.

Group I (two to be selected). Shakespeare's *As You Like It*, *Henry V.*, *Julius Caesar*, *Merchant of Venice*, *Twelfth Night*.

Group II (one to be selected). Bacon's *Essays*, Bunyan's *"Pilgrim's Progress, Part I"*; The *Sir Roger de Coverley Papers* in *"The Spectator"*; Franklin's *Autobiography*.

Group III (one to be selected). Chaucer's *Prologue*; Spenser's *Faerie Queene* (selections); Pope's *Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns.

Group IV (two to be selected). Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe* and *Quentin Durward*; Hawthorne's *The House of Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dicken's *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group V (two to be selected). Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc*, and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

Group VI (two to be selected). Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa*, and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book IV, with especial attention to Wordsworth, Keats, and



Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad; Home Thoughts from the Sea, Incidents of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides.

#### STUDY AND PRACTICE.

Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; or, Washington's Farewell Address; and, Webster's First Bunker Hill Oration; Macaulay's Life of Johnson; or, Carlyle's Essay on Burns.

#### LATIN.

ELEMENTARY LATIN. *a.* 1. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse and the subjunctive.

2. Latin Composition: Translation into Latin of easy English sentences.

*b.* Caesar: Any four books of the *Gallic War*, preferably the first four, or the first three and selections from Sallust.

INTERMEDIATE LATIN. *a.* Cicero: Any six orations from the following list, preferably the first six: The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.

*b.* Ovid. Twenty-five hundred lines. Prosody. Mythology.

ADVANCED LATIN. *a.* Virgil: The first six books of the Aeneid, or the first five books and the Eclogues. Prosody. Mythology.

*b.* Advanced Composition. Translation into Latin of continuous passages based upon Caesar, Nepos, and Cicero.



Students who wish to matriculate for the degree of Bachelor of Science need present only ELEMENTARY LATIN.

### MATHEMATICS.

**ARITHMETIC.** It is taken for granted that students, applying for admission to college, have had such training in arithmetic as will enable them to carry through the necessary calculations in the higher branches of mathematics with facility and precision.

**ALGEBRA.** The requirements in this subject include factors, common divisors, and multiples; fractions, radicals, and the extracting of roots, putting of questions into equations, the reduction of equations of the first degree, the ordinary methods of elimination, and the solution of both numerical and literal equations with one or more unknown quantities.

It is important that candidates for admission should have acquired a thorough knowledge, not only of the practice, but also of the reasons involved in the elementary algebraic rules. They should also be able to use readily the more important formulae.

**PLANE GEOMETRY.** Instruction in this subject should embrace the propositions contained in the ordinary treatises of geometry. Much attention should also be given to original propositions and problems in mensuration.

Teachers of geometry should lay stress on accuracy of statement and elegance of form as well as on clear and strict reasoning. They should avoid mere memory work, and should take special care in the proof of a proposition that no lines be drawn unless their construction is proved to be possible. At least a year of either four or five hours a week should be given to this subject.

**SOLID GEOMETRY AND PLANE TRIGONOMETRY.** The equivalent of the solid and spherical geometry given in Wentworth's *Solid Geometry*, omitting the portion dealing with regular polyhedrons, and the equivalent of Wentworth's *New Plane Trigonometry* will be accepted as one point for admission.

### GREEK.

**ELEMENTARY GREEK.** Preparation in this subject means the mastery of some first year book, as White's. Emphasis should be laid upon the inflected forms, the verb, the mastery of at least

eight hundred or a thousand common Attic words, word-formation, and the simpler rules of syntax. Some attention should also be given to sight reading in easy Greek prose.

ADVANCED GREEK. In case two years of Greek are presented then in addition to *Elementary Greek*, at least Books I-IV of Xenophon's *Anabasis* should be read carefully, with emphasis upon construction, translation at sight, and the more important historical matters connected with the "march inland." The writing of *connected* Greek prose should also be a part of the preparatory work.

### FRENCH.

ELEMENTARY. Students who wish to present this subject for admission should devote at least three hours a week for a year in preparation. They should be proficient in elementary French grammar, which means familiarity with the following topics: Inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive construction, the inflection of the regular verbs, and of such irregular verbs as *dire*, *faire*, and the classes represented by *ouvrir*, *sentir*, *venir*, *paraître*, *conduire*, and *craindre*. They should also be able to translate simple prose at sight, to pronounce French and to recognize French words and simple phrases when spoken. Careful attention should be given to the fluent and intelligent reading aloud of the French texts used in the class room.

ADVANCED. Students who desire to present advanced French should have had, in addition to elementary French, the equivalent of French 1, 2, 3 given in Blackburn College as outlined in this catalogue. See Page 35.

### GERMAN.

ELEMENTARY. Students who wish to present this subject for admission should devote at least three hours a week for a year in preparation. They should be proficient in elementary German grammar, which means familiarity with the following topics: Declension of such nouns as are readily classified and of adjectives and pronouns; conjugation of weak verbs and of the more usual strong verbs; the commoner prepositions; the simpler use

of the modal auxiliaries and the simpler rules of syntax and of word order. They should also have the ability to translate a passage of simple prose at sight, and to pronounce German and to recognize German words and simple phrases when spoken. Careful attention should be given to the fluent and intelligent reading aloud of the German texts used in the class room.

ADVANCED. Students who desire to present advanced German should have had, in addition to elementary German, the equivalent of German 1, 2, 3 given in Blackburn College as outlined in this catalogue. See Page 36.

### HISTORY.

ANCIENT HISTORY. Preparation in this subject demands at least three hours a week for a year. While the ancient civilizations of Assyria, Babylonia, Persia, and Egypt, and the smaller but none the less important kingdoms of Lydia, Syria, and Israel should not be neglected, especial attention should be given to both Greece and Rome. In the former, the history should be traced from the early times to the death of Alexander, with due reference to Greek life, literature, and art; in the latter, the occupation of the Italian peninsula by the different tribes should be sketched, and the gradual growth and extension of the power of Rome should be traced to the death of Marcus Aurelius, with due reference to literature and government.

ENGLISH AND AMERICAN HISTORY. Ample preparation in these two subjects can be gained by three hours a week of class room work for a year. In English History the general course of development should be dwelt upon; the names, order, and houses of the different monarchs should be learned, and as much attention as possible given to the social and political movements with reference both to the Continent and to America. In American History especial emphasis should be laid upon the origin and development of the colonies, the conditions which led to federation, and the growth and development of both Federal and State governments.

### PHYSICS AND CHEMISTRY.

PHYSICS. The equivalent of Carhart & Chute's *Physics*, which presents the main subjects, with from forty to fifty experiments will be deemed sufficient preparation.

CHEMISTRY. Students who wish to present this subject for admission will be expected to have a good knowledge of the non-metals and their principal combinations, the metals and their principal salts, the more important topics of chemical philosophy and chemical nomenclature and notation. They should also have performed at least one hundred simple experiments, and should submit their note books with reports of their work. Three hours a week for a year would probably prepare a student sufficiently in this department.

### OTHER SCIENCES.

PHYSICAL GEOGRAPHY. Instruction in this subject, which should be for three hours a week throughout one school year, will naturally treat the Earth as a member of the solar system, the nature, temperature, pressure, circulation, and moisture of the atmosphere, the oceans with their tides, waves, and currents, the different lands and their topographical peculiarities, and the forms and distribution of life with the influence of nature on man, and of man on nature.

PHYSIOLOGY, ZOOLOGY, AND BOTANY. A year's work of three hours a week in any one of these subjects, or in all taken together as outlined in the courses of Blackburn Academy in this catalogue, will be accepted as constituting one point for admission.

ADMISSION TO THE FRESHMAN CLASS. Students, to be fully matriculated in the Freshman class, must present subjects aggregating fourteen points. A point means a year's work in some subject with from three to five recitation periods a week, each period being at least forty-five minutes in length. The subjects presented will determine the degree for which the students will be matriculated.

### ENTRANCE REQUIREMENTS FOR THE DIFFERENT DEGREES:

A more detailed statement of the requirements by subjects is given on Pages 16-22.

All the subjects in Group I, aggregating six points, are required of every student matriculating for a degree.

Group I.	Points.
English .....	3
Algebra .....	1
Plane Geometry .....	1
Ancient History .....	1

#### FOR THE DEGREE OF BACHELOR OF ARTS:

In addition to the subjects in Group I, subjects aggregating six points chosen from Group II, and including Elementary Greek, and either Elementary French, or Elementary German, must be presented. Also two points from Group III, one of which shall be Physics or Chemistry, must be presented.

Group II.	Points.
Elementary Latin .....	2
Intermediate Latin .....	1
Advanced Latin .....	1
Elementary Greek .....	1
Elementary French .....	1
Elementary German .....	1

Group III.	Points.
Advanced French .....	1
Advanced German .....	1
Advanced Greek .....	1
English History .....	1
Physics .....	1
Chemistry .....	1
Physical Geography .....	1
Physiology, Zoology, Botany .....	1

#### FOR THE DEGREE OF BACHELOR OF PHILOSOPHY:

In addition to the subjects in Group I, subjects aggregating six points, four of which shall be Latin, and two French or German, or one French and one German, must be presented from Group II. Also two points from Group III, one of which shall be Physics or Chemistry, must be presented.

Group II.	Points.
Elementary Latin .....	2
Intermediate Latin .....	1



Advanced Latin .....	1
Elementary French .....	1
Advanced French .....	1
Elementary German .....	1
Advanced German .....	1

Group III.	Points.
Elementary Greek .....	1
Advanced Greek .....	1
English History .....	1
Physics .....	1
Chemistry .....	1
Physiology, Zoology, and Botany .....	1

#### FOR THE DEGREE OF BACHELOR OF SCIENCE:

In addition to the subjects in Group I, subjects aggregating six points, of which two shall be Latin and two in modern languages, must be presented. Also two points must be presented from Group III.

Group II.	Points.
Elementary Latin .....	2
Physics .....	1
Chemistry .....	1
Elementary French .....	1
Advanced French .....	1
Elementary German .....	1
Advanced German .....	1

Group III.	Points.
Solid Geometry and Plane Trigonometry .....	1
Physical Geography .....	1
Physiology, Zoology, and Botany .....	1
English History .....	1
Intermediate Latin .....	1
Advanced Latin .....	1
Elementary Greek .....	1
Advanced Greek .....	1



## Admission to Advanced Standing

A student may be admitted to advanced standing from any other approved institution of collegiate rank, provided that he present a detailed statement of his previous work and his standing therein, signed by the proper official. The amount of credit given will be determined by the Dean in consultation with other members of the Faculty.

A student may, also, receive credit toward his degree, provided that he present, when admitted to the Freshman class, subjects which are in excess of those required for admission and at the same time prescribed in the curriculum for the degree for which he matriculates. But no such credit will ordinarily be given except upon the basis of an examination in those subjects, set by the professor in whose department the credit is desired.

## Admission of Special Students

The various courses of study in both College and Academy are open to students who desire to avail themselves of the advantages which the institution affords, but whose previous training does not warrant their being matriculated for a degree or fully ranked with any one of the regular classes. Such students, however, will be subject to the same regulations regarding attendance and examinations as those in full standing, and must take fifteen hours a week of class room work in the College, and the maximum requirement in the Academy, unless satisfactory reasons for a smaller assignment are presented.

# REQUIREMENTS FOR DEGREES

## For the Degree of Bachelor of Arts

### *Ancient Languages.*

*Latin.* Three hours a week. Freshman year.

*Greek.* Four hours a week in the Freshman year and three hours a week in the Sophomore year. In case advanced Greek be presented for admission, but three hours a week for one year will be required.

### *Modern Languages.*

*German or French.* Three hours a week of either for one year. The course taken, however, must supplement the requirement for admission so as to make two years' work in that language. Ordinarily taken in the Freshman year. Students are strongly urged to take at least one year's work in the language not presented for admission.

*Mathematics.* Four hours a week. Freshman year.

*English.* (Rhetoric and Composition.) Three hours a week. Freshman year.

*History of English Literature.* (English 4, 5, 6.) Three hours a week. Sophomore year.

*Biblical History and Literature.* Two hours a week for two years. Sophomore and Junior years.

*European History.* Three hours a week. Sophomore or Junior year.

*Physics or Chemistry.* Three hours a week. Sophomore year.

*Social Science.* Three hours a week. Junior or Senior year.

*Philosophy.* (Logic and Psychology.) Three hours a week. Junior year.

*Electives.* In addition to the above, sufficient courses must be selected to make the total number of hours in the Freshman and Sophomore years seventeen respectively, and in the Junior and Senior years fifteen each.

## For the Degree of Bachelor of Philosophy

### *Ancient Language.*

*Latin.* Three hours a week. Freshman year.

### *Modern Languages.*

*German or French.* Six hours a week for one year, or three

hours a week for each of two years. Ordinarily taken in the Freshman and Sophomore years. If two years of German be presented for admission, two years of French will be required, or vice versa. If one year of German and one of French be presented for admission, one additional year of each, three hours a week, will be required.

*Mathematics.* Four hours a week. Freshman year.

*English.* (Rhetoric and Composition.) Three hours a week. Freshman year.

*History of English Literature.* (English 4, 5, 6.) Three hours a week. Sophomore year.

*Biblical History and Literature.* Two hours a week for two years. Sophomore and Junior years.

*European History.* Three hours a week. Sophomore or Junior year.

*Physics or Chemistry.* Three hours a week. Freshman year.

*Biology.* (Courses 1, 2, 3.) Three hours a week. Freshman year.

*Social Science.* Three hours a week. Junior or Senior year.

*Philosophy.* (Logic and Psychology.) Three hours a week. Junior year.

*Electives.* In addition to the above, sufficient courses must be selected to make the total number of hours in the Freshman and Sophomore years sixteen and seventeen respectively, and in the Junior and Senior years fifteen each.

## For the Degree of Bachelor of Science

*Modern Languages.*

*German or French.* Six hours a week for one year, or three hours a week for each of two years. Ordinarily in the Freshman and Sophomore years. If two years of German be presented for admission, two years of French will be required, or vice versa. If one year of German and one of French be presented for admission, one additional year of each, three hours a week, will be required.

*Mathematics.* Four hours a week. Freshman year.

Three hours a week. Sophomore year.

*English.* (Rhetoric and Composition.) Three hours a week. Freshman year.

*History and English Literature.* (English 4, 5, 6.) Three hours a week. Sophomore year.

*Biblical History and Literature.* Two hours a week for two years. Ordinarily taken in the Sophomore and Junior years.

*European History.* Three hours a week. Sophomore year.

*Biology.* (Courses 1, 2, 3.) Three hours a week. Freshman year.

*Chemistry.* Three hours a week. Freshman year.

*Physics.* (Courses 1, 2, 3.) Three hours a week. Sophomore year.

*Philosophy.* (Logic and Psychology.) Three hours a week. Junior year.

*Thesis.* Senior year.

*Electives.* In addition to the above, sufficient courses must be selected to make the total number of hours in the Freshman and Sophomore years sixteen and seventeen respectively, and in the Junior and Senior years fifteen each. Three-fifths of the work, however, in the Junior and Senior years must be in the sciences.

## Requirements for the Degree of Master of Arts

The degree of Master of Arts may be obtained under the following conditions: The candidate must be a graduate of some recognized collegiate institution with the degree of Bachelor of Arts, of Philosophy, of Science, or of Letters. He must, also, upon registering as a candidate, select a major and two minor subjects with the approval of the professors in whose departments the work is given. In addition, a thesis of from 5,000 to 10,000 words in length, giving evidence of the candidate's ability to handle sources, will be required.

If the candidate be wholly in residence, inasmuch as the work required is equivalent to a year's work of fifteen hours a week, he may be able to take the degree at the end of one year. If the candidate be partly, or wholly *in absentia*, he will need to confer, from time to time, either by letter or personally, with the professors in whose departments his subjects lie. Ordinarily such a candidate will be able to take the degree at the end of two or three years. But, whether in residence, or *in absentia*, the candi-

date will need to pass such an examination at the end of his course as the professors in charge may deem advisable.

The degree of Doctor of Philosophy is not given.

### **Teachers' Certificates**

Students who take the course in education, extending through the Senior year, and courses aggregating six hours a week for a year in any department after the Sophomore year, provided that they satisfactorily complete the work, will be granted, in addition to their diplomas, certificates indicating that, in the judgment of the Faculty, such students are especially well qualified to teach that particular subject.



# Courses of Instruction by Departments

## COLLEGE

### I. BIBLICAL HISTORY AND LITERATURE

Professor Walcott

The work of this department extends over two years and is designed to give a comprehensive view of the Hebrew contribution to the western world. It is also strongly urged that students, when they have finished Courses 1-6, elect Courses 9, 10, 11, in the Department of Philosophy.

1. Hebrew History. The United Kingdom. Wide reading in the historical books of the Old Testament. Text-book giving the results of the latest investigations in the orient. Contemporary ancient history. Two hours a week. First term. Required of all Sophomores.

2. Hebrew History. The Divided Kingdom. A development of the Hebrew national life upon lines similar to Course 1, but dealing with the kingdoms of Israel and of Judah after their separation. Two hours a week. Second term. Required of all Sophomores.

3. Jewish History. The Persian and Greek periods of Jewish history. The return from the exile and the re-establishment of a national life in Jerusalem and in Judah; the hierarchy and the rise of Judaism. Text-book and lectures. Two hours a week. Third term. Required of all Sophomores.

4. Jewish History and Literature. A survey of the historical situation both in and without Palestine prior to the birth of Christ. Study of the Jewish literature of this period so far as time will permit. Two hours a week. First term. Required of all Juniors. (Not given in 1907-1908.)

5. Early Christian Literature. The Gospels and other works of the New Testament. The effort will be made to grasp the life of Christ in its entirety so far as the Gospels present it. Attention will be given to the literary form as well as to the thought. Two hours a week. Second term. Required of all Juniors. (Not given in 1907-1908.)



6. Early Christian Literature. The Pauline Epistles and Acts of the Apostles. Special attention given to the historical data yielded by these writings. Two hours a week. Third term. Required of all Juniors. (Not given in 1097-1908).

7. Hebrew Literature. A study of the books of the Old Testament with special reference to their literary form. The lyric, dramatic, and epic elements will be considered, together with the idyls and wisdom literature. Especial attention will be given to the Book of Job, the masterpiece of Hebrew literature. One hour a week throughout the year. Elective for Juniors and Seniors.

## II. BIOLOGY

### Professor Robertson

1. Invertebrate Zoology. Study of representatives of the principal invertebrate groups, especially the Arthropoda. Three hours a week. First term. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for other Freshmen, Sophomores, and Juniors.

2. General Morphology and Classification of Spermatophytes. Three hours a week. Second term. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for other Freshmen, Sophomores, and Juniors.

3. Classification and ecology of the dominant groups of spring plants. Three hours a week. Third term. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for other Freshmen, Sophomores, and Juniors.

\*4. Classification and ecology of the dominant groups of fall plants. Three hours a week. First term. Elective for Sophomores, Juniors, and Seniors.

5. Pollination; relations of flowers and insects; study of the principal groups of entomophilous flowers and the principal groups of anthophilous insects. Three hours a week. Second term. Elective for Sophomores, Juniors, and Seniors.

6. The elucidation of floral mechanisms as applied to the vernal flora. Three hours a week. Third term. Elective for Sophomores, Juniors and Seniors.

7. Anatomical Technology, Human Osteology, and the Anatomy of the Cat. Three hours a week. First term. Elective for Sophomores, Juniors, and Seniors.

8. Mammals. Their morphology and classification. Three hours a week. Second term. Elective for Sophomores, Juniors, and Seniors.

9. Mammals. Their geological succession and geographical distribution. Three hours a week. Third term. Elective for Sophomores, Juniors, and Seniors.

\* Courses 4-6, and 7-9 are offered in alternate years.

### III. EDUCATION

#### Professor Walcott

1. The History of Education. A brief treatment of education in Greece and Rome, and in Western Europe during mediaeval and modern times. The rise and development of education in America, and the situation at the present time. Lectures and text-book work. Collateral reading. Three hours a week. First term. Elective for Juniors, Seniors, and Graduates.

2. Modern Educational Theory. The relation of the principles of Froebel to the theories most prominent in modern education. The life and writings of Comenius, Rousseau, Pestalozzi, Herbart, and Froebel will be studied in order that the principles they enunciated may become clear and their influence upon modern education be appreciated. Lectures, reading, discussion. Three hours a week. Second term. Elective for Juniors, Seniors, and Graduates.

3. Elementary and Secondary Education. This course considers the aim of both the elementary and the secondary schools, the systems of instruction in both America and Europe, the arrangement and adjustment of the curriculum, the problems commonly met and the methods most approved. Lectures, discussions, and reports. Three hours a week. Third term. Elective for Juniors, Seniors, and Graduates.

### IV. ENGLISH LANGUAGE AND LITERATURE

#### Professor Swearingen

1, 2, 3. Rhetoric and Composition. The fundamental principles of style and their practical application. Analysis of prose specimens. Impromptu writing in class. Prescribed reading and

essays. Three hours a week throughout the year. Required of all Freshmen.

4, 5, 6. History of English Literature. A general survey of the history of English Literature from the earliest times to the present. Study of selected masterpieces. Lectures, discussions, recitations, and written reports. Three hours a week throughout the year. Required of all Sophomores.

7, 8, 9. Shakespeare. Lectures on Shakespeare as a dramatist. Reading of all the plays. Reports and discussions. Three hours a week throughout the year. Elective for Juniors and Seniors.

10. Milton. Milton's life and time. Reading of *Paradise Lost*. Three hours a week. Third term. Elective for Juniors and Seniors.

11, 12. Eighteenth Century Prose. Addison, Steele, Johnson, Swift, Goldsmith. Two hours a week. First and second terms. Elective for Juniors and Seniors. (Not offered in 1907-8.)

13. Recent Essayists. Matthew Arnold, Ruskin, Walter Pater, Robert Louis Stevenson. Two hours a week. Third term. Elective for Juniors and Seniors. (Not offered in 1907-8.)

14, 15. Nineteenth Century Poetry. The Romantic School. Tennyson, Browning, Rossetti, Clough. Three hours a week. First and second terms. Elective for Juniors and Seniors.

16. English Ballads. Reading of the old ballads. Modern imitations of the popular ballads. Two hours a week. Third term. Elective for Sophomores, Juniors, and Seniors.

17, 18, 19. The English Drama (exclusive of Shakespeare) from the Miracle Play to the present time. Three hours a week throughout the year. Elective for Juniors and Seniors.

20. Elementary Course in Poetics. Recitations on Gummere's *Handbook of Poetics*. Prescribed reading and reports. Two hours a week. First term. Elective for Sophomores, Juniors, and Seniors.

21, 22. Advanced Course in Poetics. Lectures and Recitations on Aristotle's *Poetics* (Butcher) and Freytag's *Technique of the Drama* (Woodbridge). Two hours a week. Second and third terms. Elective for Sophomores, Juniors, and Seniors who have taken Course 20.

23. The Modern Short Story. Lectures, prescribed reading, and reports. Two hours a week. Third term. Elective for Sophomores, Juniors, and Seniors.

24, 25, 26. The English Novel. The development of the English novel to the middle of the nineteenth century. Lectures, prescribed reading, and reports. Two hours a week throughout the year. Elective for Juniors and Seniors.

27, 28, 29. Anglo-Saxon, Anglo-Saxon Grammar (Cook-Sievers' Text-book). Reading from Bright's A. S. Reader. Reading of Beowulf. Three hours a week throughout the year. Elective for Seniors and Graduate Students.

30, 31, 32. Middle English. The essentials of Middle English Grammar. Reading of the Ancren Riwe. Chaucer. Three hours a week throughout the year. Elective for Juniors and Seniors.

33. Germanic Hero-Sagas. The Germanic sagas which have been treated in English Literature will be read and discussed in detail. Three hours a week. One term. Elective for Sophomores, Juniors, and Seniors.

34. Germanic Mythology. Lectures and recitations. Three hours a week. One term. Elective for Juniors and Seniors. (Not offered in 1907-8.)

35, 36, 37. Greek and Latin Masterpieces in English. Readings, in the English translation, of the great epics and of several Greek dramas. This course, primarily designed for non-classical students, is indispensable to students and teachers of English Literature. Two hours a week throughout the year. Elective for Sophomores, Juniors, and Seniors.

38, 39, 40. Teachers' Course in English Literature. The books prescribed by the Committee on Uniform Entrance Requirements in English, will be read and studied with especial reference to their presentation to high school pupils. Three hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

41, 42, 43. Teachers' Course in English Grammar. Lectures and recitations on the historical development of the English Language. Three hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

44, 45, 46. American Literature. A general survey of the history of American Literature from colonial times to the present



day. Reading from the works of representative authors. Three hours a week throughout the year. Elective for Sophomores, Juniors, and Seniors. (Not offered in 1907-8).

47. Argumentation. Lectures on the principles of Argumentation; analysis of specimens; practice in writing. Three hours a week. One term. Elective for Juniors and Seniors. (Not offered in 1907-8).

48, 49, 50. English Essays. The essays of Oliver Goldsmith, Charles Lamb, and Matthew Arnold. Two hours a week throughout the year. Elective for Juniors and Seniors. (Given in 1906-7 in place of Courses 11, 12, 13).

## V. FRENCH LANGUAGE AND LITERATURE

### Professor Swearingen

A. Elementary French. Thorough drill in the fundamental principles of the French language. Grammar work, easy reading, and composition. Three hours a week. First term.

B. Elementary French. Continuation of grammar and composition work. Reading aloud in the French language with careful attention to pronunciation. Translation of easy works in French, such as "Contes et Legendes" by Guerber, "Tour de la France par deux Enfants" by Bruno, and "La Tache du petit Pierre" by Mairat. Three hours a week. Second term.

C. Elementary French. Completion of grammar and composition work. Reading and translation of "Colomba" by Merimee, and other similar works. Third term.

Note. The Courses A, B, C, are required of candidates for the degree of Bachelor of Philosophy or Bachelor of Science, who presented German for admission, in the Freshman year, if not previously taken. Elective for other students in the Freshman or Sophomore year.

1, 2, 3. Advanced French. Reading and translation of Halevey's *L'Abbe Constantin*, About's *Le Roi des Montagnes*, Dumas' *La Tulippe Noire*, Daudet's *Le Petit Chose*; French Composition based on the works read. Three hours a week throughout the year. Required of candidates for the degree of Bachelor of Philosophy or Bachelor of Science, who presented German for admission, in either the Freshman or Sophomore year. Elective

for other students who have had French A. B. C. or its equivalent.

4. French Literature. Brief survey of French literature from the earliest time to the death of Louis XIV. Selected readings from the authors of the eighteenth century. French text-book. Three hours a week. First term. Elective for Freshmen, Sophomores, Juniors, and Seniors.

5. French Literature. History of French literature from the time of Louis XIV until the end of the First Republic. Selected readings from authors of the period. Three hours a week. Second term. Elective for Freshmen, Sophomores, Juniors, and Seniors.

6. French Literature of the Nineteenth Century. Lectures upon the period and selected readings from the works of Mme. de Stael, Dumas, Hugo, Zola, Renan and others. Three hours a week. Third term. Elective for Freshmen, Sophomores, Juniors, and Seniors.

7, 8, 9. Reading and study of the Comedies of Moliere. Three hours a week throughout the year. Elective for students who have completed 1, 2, 3.

10, 11, 12. Victor Hugo. Lectures on the Life and Works of Victor Hugo. Reading of all the novels. Three hours a week throughout the year. Elective for Juniors and Seniors who have taken 4, 5, 6. (Not given in 1907-8).

## VI. GERMAN LANGUAGE AND LITERATURE

### Professor Lingle

A, B, C. Elementary German. Identical with German A. B. C. in the Academy. Elective in either the Freshman or the Sophomore year for those students who presented French for admission. Required of all other Freshmen and Sophomores (except candidates for the degree of Bachelor of Arts, presenting French for admission, for whom it is elective) who have not had the same or its equivalent.

1, 2, 3. Reading and Speaking Course. At least a year of preparatory German is presupposed in this course. The work in the classroom will be conducted entirely in the German language. The purpose will be to educate the ear, perfect the pronunciation and acquire facility in reading German understandingly without



translating. The standard German Gymnasien text-books will be used. Three hours a week throughout the year. Required of all students in either the Freshman or Sophomore year, who have had no more German than A, B, C, or its equivalent, provided they did not present French for admission.

4, 5, 6. The Drama of the Classical Period. The works of Lessing, Schiller, and Goethe will be read. Two dramas of each author. Lectures upon the lives of these men and the literature of the period. Three hours a week throughout the year. Elective for Freshmen, Sophomores, and Juniors.

7, 8, 9. German Literature. History of German literature from the earliest times to the present. Three periods, each constituting the work of one term, viz: From the earliest times to Klopstock, from Klopstock to the death of Goethe, and from the death of Goethe to the present time. A German text-book on the subject treated will be used. Three hours a week throughout the year. Elective for Juniors and Seniors.

10, 11, 12. Scientific German. Some scientific, historical, or philosophical work will be read with the purpose of introducing the student to such literature. One hour a week throughout the year. Elective for Sophomores, Juniors, and Seniors.

## VII. GREEK LANGUAGE AND LITERATURE

### Professor Walcott

A, B, C. Elementary Greek. The first two terms are devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the *verb*. and to word-formation. In the third term Xenophon's *Anabasis* is begun. Composition both written and oral throughout the year. Five hours a week. Open to those students who have not had Greek before entering college and who wish to matriculate for the degree of Bachelor of Arts.

1, 2, 3. Xenophon. *Anabasis*, Books II.-IV. Careful study of the text. Thorough drill in syntax, pronunciation, and word-formation. Reading at sight. Selections from the *Hellenica*. Three hours a week throughout the year. Required of Freshmen who are candidates for the degree of Bachelor of Arts. See Course 14.

4. Lysias. Selected orations. Thorough study of the text

with lectures upon the development of oratory in Greece. Athenian law-courts. First Term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

5. Plato. *Apology* and *Crito*. Study of the text with sight reading in Xenophon's *Memorabilia*. Informal lectures upon the life and teaching of Socrates. Three hours a week. Second Term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

6. Homer. Three books of the *Iliad*. Careful attention given epic forms and constructions, with lectures upon the rise of this form of literature. The national and literary epics compared. Three hours a week. Third Term. Required of Sophomores who are candidates for the degree of Bachelor of Arts.

7. Homer. Four books of the *Odyssey*. Rapid reading of other portions of the *Odyssey* with lectures upon Greek life in the Epic Period. Three hours a week. First Term. Elective for Juniors and Seniors.

8. Demosthenes. *Philippics* and *Olynthiacs*. Study of the text with lectures upon the Attic orators and the historical situation. Three hours a week. Second Term. Elective for Juniors and Seniors.

9. Sophocles. *Antigone*. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Third Term. Elective for Juniors and Seniors.

10. Aristophanes. One play studied carefully in the text, with rapid reading of other plays in a translation; development of the comic drama. Two hours a week. First Term. Elective for Seniors.

11. Lyric Poets. Selections from Sappho, Alcaeus, Simonides, Pindar, and other lyric poets. Lectures upon the rise and development of such poetry in Greece. Two hours a week. Second Term. Elective for Seniors.

12. Plato. *Republic*. Study of the text with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Two hours a week. Third Term. Elective for Seniors.

13. Greek Life. Lectures and text-book work upon the private life of the Greeks. Child-life, education, amusement, marriage and position of the citizen in the state will be treated. One

hour bi-weekly throughout the year. Elective for Sophomores, Juniors, and Seniors, whether previously trained in Greek or not.

14. Greek Composition. Thorough drill in writing connected discourse in Greek together with occasional oral work. One hour a week throughout the year. Required of all Freshmen taking Courses 1, 2, and 3.

15, 16. Greek composition. Advanced work in writing connected discourse in Greek. One hour a week. Second and Third Terms. Elective for Sophomores, Juniors, and Seniors.

17, 18, 19. New Testament Greek. Selections from the Pauline Epistles, Acts of the Apostles, and the Gospels read with a view to the mastery of the peculiarities of Hellenistic Greek. Attention is directed more to the language than to the thought. Two hours a week throughout the year. Elective for Juniors, Seniors, and other qualified students.

## VIII. HISTORY

### Professors Lingle and Bradley

1. Greece and Rome. From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First Term. Required of Sophomores.

Professor Bradley.

2. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Second Term. Required of Sophomores.

3. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Third Term. Required of Sophomores.

Professor Bradley.

4. American History to 1787. Colonial and local government; inter-colonial wars; colonial slavery; the Revolution. Text-book, collateral reading in the sources and especially the texts of documents. Three hours a week. First Term. Elective for Juniors and Seniors.

Professor Bradley.

5, 6. Political and Constitutional History of the United States since 1787. The organization of the national government and its administrative development; slavery; extension of territory; the bank controversy; the Civil War; the period of reconstruction;

present day questions. Text-book, lectures, collateral reading in original documents and authoritative sources. Three hours a week. Second and Third Terms. Elective for Juniors and Seniors.

Professor Bradley.

7, 8. English Constitutional History. Text-book, collateral reading in the sources. Two hours a week. First and Second Terms. Elective for Juniors.

Professor Lingle.

9. History of France. The important epochs in the development of the French people will be treated by text-book and lectures. Important events in Italian, Spanish, and Portuguese history will also receive treatment. Collateral reading. Two hours a week. First Term. Elective for Seniors and Graduates.

Professor Lingle.

10, 11. History of Germany. The important epochs in the development of the German people, together with the leading events of Sweden, Denmark, and Holland, especially as these latter bear upon European history in general will be treated by text-book and lectures. Collateral reading. Two hours a week. Second and Third Terms. Elective for Seniors and Graduates.

Professor Lingle.

## IX. LATIN LANGUAGE AND LITERATURE

### Professor Bradley

1. Livy. Selections from Books I, XXI, XXII. Careful reading of the text with lectures upon early Roman history. Three hours a week. First Term. Required of all Freshmen except candidates for the degree of Bachelor of Science.

2. Cicero. Selections from his letters. Lectures upon the last period of the Republic with the definite aim to grasp firmly its revolutionary character. Three hours a week. Second Term. Required of all Freshmen except candidates for the degree of Bachelor of Science.

3. Tacitus. Germania and Agricola. Lectures upon the period in which Tacitus lived, together with a discussion of the conditions in both Britain and Germany. Three hours a week. Third Term. Required of all Freshmen except candidates for the degree of Bachelor of Science.

4. Horace. Odes and Epodes. Lectures upon the life of Hor-



ace with a discussion of the chief characteristics of his lyrical works. Three hours a week. First Term. Elective for Sophomores, Juniors, and Seniors.

5. Catullus, Tibullus, and Propertius. Careful reading of selected poems with discussion of form and poetical value. Three hours a week. Second Term. Elective for Sophomores, Juniors, and Seniors.

6. Horace. Satires and Epistles. Careful reading of selections; comparison with Lucilius, Greek comic writers, and modern satirists. Three hours a week. Third Term. Elective for Sophomores, Juniors, and Seniors.

7. Origin of Latin Poetry and Development of the Drama. Readings from Plautus and Terence. Three hours a week. First Term. Elective for Juniors and Seniors. Alternates with Course 10.

8. Cicero. Brutus, with readings from Quintillian. Lectures upon the prose of the early period of the Republic. Two hours a week. Second Term. Elective for Juniors and Seniors. Alternates with Course 11.

9. Tacitus. Readings from his Annals with lectures upon the prose of the Silver Age. Three hours a week. Third Term. Elective for Juniors and Seniors. Alternates with Course 12.

10. Pliny. Selections from his Epistles. Lectures upon the period. Two hours a week. First Term. Elective for Juniors and Seniors.

11. Juvenal and Martial. Selections with lectures upon the development in satire from Horace to Juvenal. Two hours a week. Second Term. Elective for Juniors and Seniors.

12. Cicero. Virgil. Special elective for teachers of Latin. Two hours a week. Third Term. Elective for Juniors and Seniors.

13. Roman Life. Lecture and text-book work upon the private life of the Romans. The Roman child as considered in the home, at play and at school, and when he has taken his place in the state. One hour, bi-weekly throughout the year. Elective for Sophomores, Juniors, and Seniors.

14. Latin Composition. Thorough drill in writing connected Latin discourse with occasional oral work. One hour a week throughout the year. Elective for Freshmen, Sophomores, and Juniors.

15. Cicero. De Senectute and De Amicitia. Three hours a week. Second Term. Required of all Freshmen except candidates for the degree of Bachelor of Science. (Given in 1906-07 in place of Course 2).

16. Terence. Selected plays. Three hours a week. Second Term. Elective for Sophomores, Juniors, and Seniors. (Given in 1906-07 in place of Course 5).

## X. MATHEMATICS AND ASTRONOMY

### Professor Challacombe

#### A. MATHEMATICS.

1. College Algebra. A brief review of the theory of exponents, surds, and imaginary quantities, followed by advanced work in simultaneous quadratic equations, progressions, series, and kindred subjects. Four hours a week. First Term. Required of all Freshmen.

2. Solid Geometry. Lines and planes in space; polyhedrons, cylinders, and cones; the sphere and spherical surfaces. Four hours a week. Second Term. Required of all Freshmen.

3. Trigonometry. The development of the trigonometric functions and formulae, and their application to the solution of problems in geometry; right and oblique triangles, etc. Four hours a week. Third Term. Required of all Freshmen.

4, 5. Analytical Geometry. The study of the Cartesian and polar systems. The point, line, conics, higher plane curves, and the elements of three-dimensional geometry. Three hours a week. First and Second Terms. Required of candidates for the degree of Bachelor of Science, but elective for all other qualified students.

6. Differential Calculus. Differential formulae, application of differentiation to the expansion of functions, evolution of indeterminates, evolutes and involutes, maxima and minima. Three hours a week. Third Term. Required of candidates for the degree of Bachelor of Science, but elective for all other students.

7, 8. Differential and Integral Calculus. The work in differential calculus completed. In integral calculus, the integration of rational fractions, indefinite integrals, and the application of integration to areas, surfaces, volumes, and length of curves, and to the solution of problems. Three hours a week. First and



**Second Terms.** Elective for Juniors. (Given in 1906-07 as Course 7).

9. **Partial Differential Equations.** With applications to geometry and physics. Three hours a week. Third Term. Elective for Juniors.

10. **Surveying.** Chaining, transit surveying, leveling, laying out curves, dividing land, topographical survey, adjustment of instruments, etc. Three hours a week. First Term. Elective for Juniors or Seniors.

11, 12. **Mechanics.** A study of the principles of rational mechanics, covering a careful investigation of the formulae concerning the work, energy, friction, momentum, equilibrium, moments of forces and center of gravity of bodies; the strength of bars and beams; the path of a projectile; hydrostatics and hydrodynamics; pressure and expansion of gases. Three hours a week. Second and Third Terms. Elective for Juniors or Seniors.

13, 14, 15. **Determinants and Theory of Equations.** Two hours a week throughout the year. Elective for Juniors or Seniors. (Given in 1906-07 as Courses 8 and 9).

16, 17, 18. **Senior Mathematics.** History of Mathematics; a review of academic and collegiate mathematics; readings from various authors on the methods, teaching, and philosophy of mathematics. Two hours a week throughout the year. Elective for Seniors. (Given in 1906-07 as Courses 12, 13, 14).

#### B. ASTRONOMY.

1, 2, 3. **Astronomy.** Descriptive, mathematical, and historical astronomy. Three hours a week throughout the year. Elective for Seniors.

4. **Spherical and Practical Astronomy.** Three hours a week. Third Term. Elective for Juniors and Seniors.

## XI. MINERALOGY AND GEOLOGY

### Professor . . . . .

1. **Mineralogy.** Morphology, chemical and physical properties of crystals; rock-forming minerals and rock as mineral aggregates. Origin, character, classification, and distribution of minerals. Three hours a week. First Term. Elective for Seniors.

2, 3. Geology. Cosmical, dynamic, structural, historical, physiographic, and economic geology. Paleontology. Three hours a week. Second and Third Terms. Elective for Seniors.

## XII. PHILOSOPHY

### Professors Bradley and Walcott

1. Logic. Thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention. Three hours a week. First Term. Required of all Juniors.

Professor Bradley.

2, 3. Psychology. This subject is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second and Third Terms. Required of all Juniors.

Professor Bradley.

4, 5. Ethics. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Two and three hours a week respectively. Second and Third Terms. Elective for Seniors, but Ethics 5 is open only to those who have taken Ethics 4.

Professor Bradley.

6, 7, 8. History of Philosophy. A development of philosophical thought from its beginnings in Greece down to modern times. Especial attention will be given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the middle ages will be dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him will be considered at length. The work will be not merely analytical but also constructive. Lectures, collateral reading, essays. Three hours a week throughout the year. Elective for Seniors.

Professor Walcott.

9. History of Religion. The different religions of the world will be treated in a purely scientific manner. The effort will be made to understand the leading characteristics of the great ethnic faiths and to group them so far as possible. Three hours a week. First Term. Elective for Juniors and Seniors.

Professor Walcott.

10. Philosophy of Religion. The implications of religion *per se* will be considered from a philosophical view point, and the possible grounds of a religious faith determined. Three hours a week. Second Term. Elective for Juniors and Seniors.

Professor Walcott.

11. Christianity; Some of its Leading Characteristics. The effort will be made to get at permanent and essential features of Christianity; to show what its leading contributions to the western world have been, its position today and probable position in the future. Three hours a week. Third Term. Elective for Juniors and Seniors.

Professor Walcott.

12. German Philosophy. A careful study of Kant's *Critique of the Pure Reason*, together with supplementary reading in his other works and lectures upon Fichte, Schelling, Hegel, and Schopenhauer. Three hours a week. First Term. Elective for Seniors and Graduates.

Professor Walcott.

13. British Philosophy. The development of British thought from Bacon to Spencer. Special attention given to Locke, Berkeley, and Hume. Lectures, reading in the sources, essays. Three hours a week. Second Term. Elective for Seniors and Graduates.

Professor Walcott.

14. Metaphysics. The fundamental concepts of reality viewed in the light of their history and evaluated in modern thought. The distinct effort will be made to get the students to grasp fundamental problems for themselves and to solve them as best they may. Three hours a week. Third Term. Elective for Seniors and Graduates.

Professor Walcott.

### XIII. PHYSICS AND CHEMISTRY

The instruction in this department will be by lectures and recitations, accompanied by experimental demonstrations of the principles under consideration. Occasional written recitations will be held on the text and on the experiments. Laboratory work is required in each course.

#### A. PHYSICS.

1, 2, 3. General Physics. The aim in this course will be to give the students a fuller and more exact knowledge of the general facts and principles of physics, and an understanding of the illus-

trations of the subject as seen in the experiences and phenomena of daily life. Attention will also be directed to the various industrial applications of physical laws. Three hours a week throughout the year. Required of Sophomores who are candidates for the degree of Bachelor of Science. Elective for all other qualified students.

NOTE.—For admission to this course a knowledge of elementary physics is required. The preparation must include a passing grade on Carhart and Chute's "Elements of Physics," or equivalent, and a knowledge of plane and solid geometry, and of plane trigonometry.

4, 5, 6. Advanced Physics. Special branches of physics will be treated in greater detail than in Courses 1, 2, and 3. Frequent applications will be made of analytical geometry and differential calculus, and that amount of mathematical training will be expected of the students taking this course. The subjects chosen will vary from year to year, and will include mechanics, optics, electricity, and magnetism. Three hours a week throughout the year. Elective for Juniors and Seniors.

#### B. CHEMISTRY.

1, 2, 3. General Chemistry. The work in this course will include a study of the more important elementary and compound substances. Three hours a week throughout the year. Required of all students in either the Freshman or Sophomore year.

4, 5, 6. Organic Chemistry. The compounds of carbon. For students who have the medical profession or industrial pursuits in view. Three hours a week throughout the year. Elective for Sophomores or Juniors.

7, 8, 9. Qualitative and Quantitative Analysis. Lectures on Laboratory methods. Determination of substance of unknown composition. Chemical theory and development will be briefly treated. Three hours a week throughout the year. Elective for Juniors or Seniors.

### XIV. SOCIAL SCIENCE

#### Professor Bradley

1. Sociology. Brief survey of social evolution and the structure of society. Especial attention will be given to present so-



cial problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First Term. Elective for Juniors or Seniors.

2, 3. Economics. Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention given to money, banking, wages, and taxation. Three hours a week. Second and Third Terms. Elective for Juniors or Seniors.

4. American Government. This course aims to present in clear outline the national, state, and municipal governments within the United States. Text-book, lectures, and collateral reading. Three hours a week. First Term. Elective for Seniors and Graduates.

5. Practical Economics. The aim of this course is to study more in detail, than in Economics 2 and 3, such subjects as money and banking, public finance—both national and local—the labor movement, industrial corporations, and insurance. Lectures, collateral reading, discussions and reports. Three hours a week. Second Term. Elective for Seniors and Graduates.

6. International Law. A study of the fundamental principles governing the relations of nations, both in peace and in war. Diplomacy. Lectures, discussions, reports upon special problems. Three hours a week. Third Term. Elective for Seniors and Graduates.

7. Social Problems. A study of some of the most prominent problems of the present day. Three hours a week. Third Term. Elective for Juniors and Seniors.

# THE BACHELOR OF ARTS COURSE

## Freshman Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
		PERIODS			PERIODS			PERIODS
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 1	.....	3	English 2	.....	3	English 3	.....	3
Latin 1	.....	3	Latin 2	.....	3	Latin 3	.....	3
Greek 1	.....	3	Greek 2	.....	3	Greek 3	.....	3
" 14	..	1	" 14	..	1	" 14	..	1
*German 1	.....	3	German 2	.....	3	German 3	.....	3
French 1	.....	3	French 2	.....	3	French 3	.....	3
Mathematics 1	..	4	Mathematics 2	...	4	Mathematics 3	...	4

\*Whether German 1, 2, 3, or French 1, 2, 3, will be taken, will depend upon which language was presented for admission.

## Sophomore Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
		PERIODS			PERIODS			PERIODS
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 4	.....	3	English 5	.....	3	English 6	.....	3
Greek 4	.....	3	Greek 5	.....	3	Greek 6	.....	3
Biblical Lit. 1	...	2	Biblical Lit. 2	...	2	Biblical Lit. 3	...	2
History 1	.....	3	History 2	.....	3	History 3	.....	3
Chemistry 1	.....	3	Chemistry 2	.....	3	Chemistry 3	.....	3

Enough electives must be chosen to make seventeen hours a week of regular Sophomore work each term.



# THE BACHELOR OF PHILOSOPHY COURSE

## Freshman Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English 1 .....	3	English 2 .....	3	English 3 .....	3
Latin 1 .....	3	Latin 2 .....	3	Latin 3 .....	3
Mathematics 1 ..	4	Mathematics 2 ...	4	Mathematics 3 ...	4
German A .....	3	German B .....	3	German C .....	3
French A .....	3	French B .....	3	French C .....	3

\*Whether German A, B, C, or French A, B, C, will be taken, will depend upon which language was presented for admission.

Enough electives must be chosen to make sixteen hours a week of Freshman work each term.

## Sophomore Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English 4 .....	3	English 5 .....	3	English 6 .....	3
Chemistry 1 ....	3	Chemistry 2 .....	3	Chemistry 3 .....	3
Biblical Lit. 1 ..	2	Biblical Lit. 2....	2	Biblical Lit. 3....	2
History 1 .....	3	History 2 .....	3	History 3 .....	3
Biology 1 .....	3	Biology 2 .....	3	Biology 3 .....	3

\*Chemistry 1, 2, 3, must be taken this year, if not elected in the Freshman year.

Enough electives must be chosen to make seventeen hours a week of regular Sophomore work each term.

# THE BACHELOR OF SCIENCE COURSE

## Freshman Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
PERIODS			PERIODS			PERIODS		
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 1	.....	3	English 2	.....	3	English 3	.....	3
*German 1	.....	3	German 2	.....	3	German 3	.....	3
French 1	.....	3	French 2	.....	3	French 3	.....	3
Mathematics 1	..	4	Mathematics 2	....	4	Mathematics 3	...	4
Chemistry 1	....	3	Chemistry 2	....	3	Chemistry 3	....	3

\*Whether the student will take German 1, 2, 3, or French 1, 2, 3, this year, will depend upon which of those languages be presented in greater amount for admission.

Enough electives must be chosen to make sixteen or seventeen hours a week of Freshman work each term.

## Sophomore Year

### Required

FIRST TERM.			SECOND TERM.			THIRD TERM.		
PERIODS			PERIODS			PERIODS		
COURSES.	A WEEK.		COURSES.	A WEEK.		COURSES.	A WEEK.	
English 4	.....	3	English 5	.....	3	English 6	.....	3
Mathematics 4	...	3	Mathematics 5	...	3	Mathematics 6	...	3
History 1	.....	3	History 2	.....	3	History 3	.....	3
Biblical Lit. 1	...	2	Biblical Lit. 2	...	2	Biblical Lit. 3	...	2
Biology 1	.....	3	Biology 2	.....	3	Biology 3	.....	3
Physics 1	.....	3	Physics 2	.....	3	Physics ..	.....	3

Enough electives must be chosen to make seventeen hours a week of Sophomore work each term, in case any of the above subjects were taken in the Freshman year.

# ALL COURSES

## Junior Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
Philosophy 1 . . . .	3	Philosophy 2 . . . .	3	Philosophy 3 . . . .	3
Biblical Lit. 4 . . . .	2	Biblical Lit. 5 . . .	2	Biblical Lit. 6 . . .	2

Enough electives must be chosen to make fifteen hours a week each term. Candidates for the degree of Bachelor of Science must have at least three-fifths of their courses from the sciences.

## Senior Year

### Required

FIRST TERM.		SECOND TERM.		THIRD TERM.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
Social Science 1 .	3	Social Science 2 . .	3	Social Science 3 . .	3

\*This course should be elected in the Junior year. If not elected then, it is required in the Senior year.

Enough electives must be chosen to make a total of fifteen hours a week each term. Candidates for the degree of Bachelor of Science must have at least three-fifths of their courses from the sciences.

# Table of Elective Courses

COURSES.	TERM			PERIODS A WEEK	OPEN TO
	1st	2d	3d		
Astronomy . . . .	1	2	3	3	*Sr.
" . . . .	..	..	4	3	Jr. Sr.
Biblical Lit. . . .	7	7	7	1	Jr. Sr.
Biology . . . . .	1	2	3	3	Fr. So. Jr.
" . . . . .	4	5	6	3	So. Jr. Sr.
" . . . . .	7	8	9	3	So. Jr. Sr.
Chemistry . . . .	1	2	3	3	Fr.
" . . . . .	4	5	6	3	So. Jr. Sr.
" . . . . .	7	8	9	3	So. Jr. Sr.
Education . . . .	1	2	3	3	Jr. Sr.
English . . . . .	7	8	9	3	Jr. Sr.
" . . . . .	..	..	10	3	Jr. Sr.
" . . . . .	11	12	..	2	Jr. Sr.
" . . . . .	..	..	13	2	Jr. Sr.
" . . . . .	14	15	..	3	Jr. Sr.
" . . . . .	..	..	16	2	So. Jr. Sr.
" . . . . .	17	18	19	3	Jr. Sr.
" . . . . .	20	..	..	2	So. Jr. Sr.
" . . . . .	..	21	22	2	So. Jr. Sr.
" . . . . .	..	..	23	2	So. Jr. Sr.
" . . . . .	24	25	26	2	Jr. Sr.
" . . . . .	27	28	29	3	Sr.
" . . . . .	30	31	32	3	Jr. Sr.
" . . . . *	33	..	..	3	So. Jr. Sr.
" . . . . **	..	34	..	3	Jr. Sr.
" . . . . .	35	36	37	2	So. Jr. Sr.
" . . . . .	38	39	40	3	Jr. Sr.
" . . . . .	41	42	43	3	Jr. Sr.
" . . . . .	44	45	46	3	So. Jr. Sr.
" . . . . *	..	47	..	3	Jr. Sr.
" . . . . .	48	49	50	2	Jr. Sr.
French . . . . .	A	B	C	3	Fr. So.
" . . . . .	1	2	3	3	Fr. So. Jr.
" . . . . .	4	5	6	3	Fr. So. Jr. Sr.
" . . . . .	7	8	9	3	Fr. So. Jr. Sr.
" . . . . .	10	11	12	3	Jr. Sr.
Geology . . . . .	..	2	3	3	Sr.

\*Sr., Jr., So., and Fr. indicate that the courses after which these abbreviations stand are open to Seniors, Juniors, Sophomores or Freshmen, respectively.

\*\*May be taken in any term that best suits the professor and students.

COURSES.	TERM			PERIODS	
	1st	2d	3d	A WEEK	OPEN TO
German .. . . .	A	B	C	3	Fr. So.
" .. . . .	1	2	3	3	Fr. So. Jr.
" .. . . .	4	5	6	3	Fr. So. Jr. Sr.
" .. . . .	7	8	9	3	So. Jr. Sr.
" .. . . .	10	11	12	1	So. Jr. Sr.
Greek .. . . .	A	B	C	5	Fr. So. Jr. Sr.
" .. . . .	1	2	3	3	Fr. So. Jr. Sr.
" .. . . .	4	5	6	3	So. Jr. Sr.
" .. . . .	7	8	9	3	Jr. Sr.
" .. . . .	10	11	12	3	Jr. Sr.
" .. . . .	13	13	13	1½	So. Jr. Sr.
" .. . . .	14	14	14	1	Fr. So. Jr. Sr.
" .. . . .	..	15	16	1	So. Jr. Sr.
" .. . . .	17	18	19	2	Jr. Sr.
History .. . . .	4	5	6	3	Jr. Sr.
" .. . . .	7	8	..	2	Jr.
" .. . . .	9	10	11	2	Sr.
Latin . . . . .	4	5	6	3	So. Jr. Sr.
" .. . . .	7	8	9	3	Jr. Sr.
" .. . . .	10	11	12	3	Jr. Sr.
" .. . . .	13	13	13	1½	So. Jr. Sr.
" .. . . .	14	14	14	1	Fr. So. Jr. Sr.
Mathematics ...	4	5	6	3	So. Jr. Sr.
" .. . . .	7	8	9	3	Jr.
" .. . . .	10	..	..	3	Jr. Sr.
" .. . . .	..	11	12	3	Jr. Sr.
" .. . . .	13	14	15	2	Jr. Sr.
" .. . . .	16	17	18	2	Sr.
Mineralogy . . .	1	..	..	3	St.
Philosophy . . . .	..	4	5	***	Sr.
" .. . . .	6	7	8	3	Sr.
" .. . . .	9	10	11	2	Jr. Sr.
" .. . . .	12	13	14	3	Sr.
Physics .. . . .	1	2	3	3	Fr. So. Jr. Sr.
" .. . . .	4	5	6	3	So. Jr. Sr.
Social Science ..	1	2	3	3	Jr. Sr.
" .. . . .	4	5	6	3	Sr.
" .. . . .	..	..	7	3	Jr. Sr.

\*\*\*Two hours in the second term, three in the third.

NOTE.—When a course has been chosen it becomes required. Students are then expected to fulfill all the requirements of that course, to be present at the term tests, and to take the final examination.

# ATTENDANCE, EXAMINATION AND STANDING

REGISTRATION AND ATTENDANCE.—The academic year is divided into three terms. All students are expected to register upon the first day of each term, except at the beginning of the year, when the registration should be attended to during *the two days just previous* to the calendar date for the beginning of the term. Cuts are counted beginning the first day of each term.

Each student is expected to attend the daily chapel service, and also every exercise in the several studies to which he is assigned.

EXAMINATION AND STANDING.—Except in laboratory and similar work, all classes are examined at the close of each term.

If a student in the College absents himself from any course more than the allowed number of times, viz.: as many times during the term as there are recitation periods a week in that course, he renders himself liable to debarment from the examination in that course at the end of the term. Such a student may, however, be examined in that subject at a later date, upon payment of a special fee of five dollars. Students in the Academy are subject to the regulations made by the Principal of the Academy.

The grading is upon a scale of 100. If a student fails to get an average of 75 per cent. in any subject at the end of a term, he is required to take a special examination as soon thereafter as the professor in whose department the failure occurred deems it advisable. In determining the final average, the examination counts one-third.

A report of each student's standing is sent to parent or guardian at the end of each term. Reports are also made more frequently when there is need.

Any student who, from carelessness, inattention, or indolence, falls below 65 per cent. in all his studies, will not be permitted to remain in the institution.

HONORS.—Students who have an average of 90 per cent., or over, during their whole College course, will be regarded as graduating with honor. Students who do not secure an average of 90 per cent. in all their work, but do have an average of 90 per cent., or over, in any department in which they have taken at least eighteen



term hours of elective work, may, upon the recommendation of the professor in charge, be graduated with final honors in that department.

The names of students thus graduated with Final Honors will be printed in a separate list upon the Commencement Programme and also in the Annual Catalogue.

The names of students who have an average standing of 90 per cent., or over, in any year, will be read at the morning exercises on Commencement Day.

**DISCIPLINE.**—There is no formal set of rules in force. Students are expected to conduct themselves in accordance with the ordinary rules of propriety. When, from time to time, special rules are made in the interests of the whole student body, it is expected that all members of the institution will cheerfully comply with them. Offenses against the social well-being of the students as a whole will be dealt with by the several professors and instructors, or by the Faculty, in private, or as the occasion may demand. Continued wrongdoing on the part of any student, such as to make it evident to the Faculty that the student is not only failing to be benefited by the institution, but is also becoming harmful to others, will be deemed a sufficient reason for requesting the parent or guardian of that student to remove him. If such removal does not take place within a reasonable length of time, then dismissal from the institution will follow.

No student who has been subject to College censure will be allowed to represent the College in any public way, from the time when the censure was imposed until the end of that academic year. Such a student may not play upon the ball teams, take part in any debate, oratorical contest, or similar activities.

## TUITION, ROOM RENT, ETC.

The tuition for the year in the College is \$50.00, divided according to the terms as follows: \$22.00 in the Fall Term, \$16.00 in the Winter Term, and \$12.00 in the Spring Term. For the Academy the tuition is \$40.00 for the year, divided as follows: \$18.00 in the Fall Term, \$12.00 in the Winter Term, and \$10.00 in the Spring Term. The other College and Academy expenses may be summarized thus:

	Fall Term.		Winter Term.		Spring Term.	
1. Incidentals .. .. .	\$ 1.00		\$ 1.00		\$ 1.00	
2. Room rent from .....	4.50-	8.00	4.50	7.50	3.00-	6.00
3. Board in College Club..	30.00-	35.00	25.00	27.50	22.00-	27.00
	<hr/>		<hr/>		<hr/>	
	\$35.50-\$44.00		\$30.50 \$36.00		\$26.00-\$34.00	

Adding to these sums the proper tuition fee, it will be seen that the total expenses, apart from the laboratory fee, range from \$57.50 in the College and \$53.50 in the Academy in the Fall Term to \$38.00 and \$36.00 in the College and Academy, respectively, in the Spring Term.

### LABORATORY FEES, ETC.

In all courses in the Department of Biology a laboratory fee of one dollar (\$1.00) a term is charged for each course.

In Chemistry a fee of two dollars (\$2.00) a term is charged in connection with Courses 1, 2, and 3. In the more advanced courses in Chemistry the fee is three dollars (\$3.00) a term.

In Physics the laboratory fee is two dollars (\$2.00) a term for each course.

At the beginning of the year a deposit of two dollars (\$2.00) is required of the young men in the College and Academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to each student.

Extra tuition at the rate of fifty cents a lesson of forty-five minutes is charged for courses in Music.

# DORMITORY ROOM LIST

No.	1st Term	2nd Term	3rd Term	No.	1st Term	2nd Term	3rd Term
A1	\$7 50	\$7 00	\$6 00	C4	\$5 50	\$5 00	\$4 00
A2	7 50	7 00	6 00	C5	6 00	5 50	4 50
A3	7 50	7 00	6 00	C6	6 00	5 50	4 50
A4	8 00	7 50	6 50	C7	6 00	5 50	4 50
A5	8 00	7 50	6 50	D1	6 50	6 00	5 00
A6	8 00	7 50	6 50	D2	6 50	6 00	5 00
A7	7 50	7 00	6 00	D3	5 00	4 50	4 00
B1	7 50	7 00	6 00	D4	6 50	6 00	5 00
B2	7 50	7 00	6 00	D5	7 50	7 00	6 00
B3	7 50	7 00	6 00	D6	7 50	7 00	6 00
B4	8 00	7 50	6 50	30	7 50	7 00	6 00
B5	8 00	7 50	6 50	32	8 00	7 50	6 50
B6	8 00	7 50	6 50	33	6 00	5 50	4 50
B7	7 50	7 00	6 00	34	5 00	4 50	4 00
C1	5 50	5 00	4 00	36	7 50	7 00	6 00
C2	5 50	5 00	4 00	37	6 50	6 00	5 00
C3	5 50	5 00	4 00	38	7 50	7 00	6 00

When two students occupy the same room the above rates are divided between them.

# Prizes, Scholarships, and Self-Helps

**GOLD MEDAL.**—A gold medal is annually awarded to the student making the highest grade. All College students are eligible except winners of the medal in preceding years.

Awarded in 1906  
to  
Charles Abner Hounsley.

**FACULTY PRIZE.**—A Faculty Prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 1st. Each essay must be typewritten, free from errors in grammar, spelling, and diction, and from 1,200 to 2,000 words in length. All students may compete.

**PARKS SCHOLARSHIP.**—This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

**CORBIT SCHOLARSHIP.**—The recipient of this scholarship, founded by the late Joseph Corbit of New York City, is chosen from year to year by the Faculty and is entitled to his tuition for the year.

**HIGH SCHOOL SCHOLARSHIP.**—To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to one graduate from each high school in Illinois, the course of study in which is equivalent to that required in Blackburn Academy. The conditions are that it shall be given to that graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

**THE WOMAN'S CLUB SCHOLARSHIP.**—For several years the Woman's Club of Carlinville has paid the tuition of at least one girl who wished to study at Blackburn.

This scholarship was awarded in 1906-7  
to  
Myrtle Lawrence.

**COLLEGE AND ACADEMY SCHOLARSHIPS.**—A limited number of scholarships, each covering the tuition, is available for students of the College and Academy of high attainments and irreproachable character. These are awarded when a student first enters the institution, upon the basis of his attainments elsewhere and the recommendation of those well acquainted with him. Such scholarships as these will also be awarded to students of the College and Academy upon the basis of the record they have made in the institution. Failure to maintain the required standing, or the incurring of College discipline, will lead to the revoking of such a scholarship.

Only students in real financial need of such aid will be granted one of these scholarships. Those interested should communicate with the Dean.

**THE FITCH SCHOLARSHIP.**—A fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students of the University from Bond County.

**THE CHICAGO HARVARD CLUB SCHOLARSHIP.**—At its annual meeting, December 14, 1897, The Harvard Club of Chicago established a scholarship at Harvard University of the annual value of three hundred dollars. This scholarship is open to the graduates of the universities and colleges of Illinois, who wish to pursue a course of study at the Graduate School of Harvard University. Applications must be made before May 1st in each year, and senior students about to finish their under-graduate course are eligible as candidates. Communications from candidates for the academic year, beginning October the first, next, should be addressed to Henry L. Prescott, chairman of the Scholarship Committee of the Harvard Club of Chicago, 1511 First National Bank Building, Chicago, Illinois.



## OTHER AIDS

FROM THE BOARD OF EDUCATION.—The Board of Education of the Presbyterian Church assists young men, studying for the Presbyterian ministry, to the amount of about \$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry, and must be members of one of the four classes in the College.

STUDENT JANITORS.—It is customary to employ four or five students as janitors. They are paid at the rate of \$5.00 a month each, this being sufficient to pay about half their board in the College Boarding Club. These students are chosen by the Faculty, with special reference to their need and worth. One student is also appointed bell-ringer and is given the use of Room 41.

EMPLOYMENT BY CITIZENS.—A limited number of young men and women find homes with private families in the town, where they pay their board by work. Business houses, especially printing establishments, afford occasional opportunities for employment.



# General Information

## Location and Equipment

**LOCATION.**—Carlinville, the county seat of Macoupin County, Illinois, where the College is situated, is a city of about four thousand inhabitants, forty miles from Springfield and sixty miles from St. Louis. The Chicago & Alton Railroad, the main line from Chicago to St. Louis, and its newly acquired road running east and west and known as the Quincy, Carrollton & St. Louis Railroad, afford access from every direction. The Illinois Traction System, which runs electric cars hourly from Decatur and Springfield through Auburn, Virden, Girard, and Carlinville to Gillespie, Staunton, and Edwardsville, adds to the accessibility of the institution.

**GROUNDS AND CAMPUS.**—The campus contains ten acres, well shaded by large maples and elms. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are foot ball and base ball grounds and tennis courts.

**UNIVERSITY HALL.**—This building, completed in 1868, is a three-story brick structure, containing, on the first floor, rooms for the Academy, the Department of Mathematics, the Oioparthenian Society, and the Young Men's Christian Association and reading room combined; on the second floor, the chapel, president's office, the library and several recitation rooms; on the third floor, the students' rooms. In the basement are the refectory, bath room, gymnasium, and the steam-heating plant.

**ROBERTSON'S HALL.**—North and west of University Hall stands Robertson Hall, containing, on the first floor, rooms for biology, physics, and chemistry; on the second floor, the Taylor Museum; and on the third floors, rooms used by the young men's literary societies. This building was provided by the liberality of Dr. William A. Robertson and his wife.

**MINTON OBSERVATORY.**—A little to the west of Robertson Hall is the Minton Observatory; donated by the late Robert B. Minton,

who for twenty-seven years was connected with Blackburn as principal of the Academy and professor of mathematics. In this building there is a five-inch, equatorially mounted telescope, made by Loomis of Carrollton.

**TAYLOR MUSEUM.**—This museum, as already noted, is upon the second floor of Robertson Hall. It was donated by Julius S. Taylor, M. D., Ph. D., a friend and correspondent of Agassiz. It is the life-work of the venerable donor, representing fifty years of scientific study, collection, and exchanges. More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, and curiosities from foreign missionary fields, together with a beautiful collection of shells and corals, are grouped here.

Additions to this collection were made in 1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally, while the Illsley and Buffington collections were added later.

**CHEMICAL LABORATORY.**—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas, and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The laboratory fee covers only the cost of materials. Breakage of apparatus is charged to the students.

**PHYSICAL LABORATORY.**—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

A Wimshurst's electrical machine, with Roentgen ray appliances, has recently been installed.

**THE LIBRARY.**—This is situated on the second floor of University Hall. It embraces works on history, science, linguistics, archaeology, literature, and theology. It contains a number of rare books, valuable specimens of the bookmakers' art, more than three hundred years old.

During the past year several hundred dollars, in part the gift of generous friends of Blackburn, has been expended for books.

**GYMNASIUM.**—Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. A full complement of gymnasium

apparatus is provided; parallel bars, horizontal bar, traveling rings, flying rings, climbing rope, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards, and tumbling mats.

**DORMITORY FOR YOUNG MEN.**—The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated and are heated by steam. Furniture must be provided by the occupant, though a limited amount may be rented or purchased from the College. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students who room in the building have control of the College refectory, at which board is furnished at cost, averaging from two to three dollars a week.

# Student Organizations

**YOUNG MEN'S CHRISTIAN ASSOCIATION.**—This association has been established for many years. Generally a large number of the young men are members. Meetings are held each Thursday afternoon. A room on the first floor of University Hall has been fitted up during the present year for this organization.

**READING ROOM ASSOCIATION.**—This association, organized in part during the present year, occupies the same room as the Y. M. C. A. Several current monthly and weekly magazines, together with Chicago and St. Louis newspapers, are on file.

**YOUNG WOMEN'S CHRISTIAN ASSOCIATION.**—This organization, established in the winter of 1904-05, takes a prominent place in the life of the institution. Meetings are held every week. Under the direction of its officers the Bible is studied systematically.

**LITERARY SOCIETIES.**—Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory, and parliamentary law are afforded.

1. The **OIOPARTHENIAN SOCIETY** is open to all young women in the institution. Their hall has been redecorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The **ORTHOPATETIC SOCIETY** for young men has a good hall in the Science Building. In connection is a reading room stocked with books and magazines.

3. The **PHILOMATHEAN SOCIETY** for young men occupies a neatly furnished and well lighted hall in the Science Building.

**BLACKBURN ORATORICAL ASSOCIATION.**—The **ORATORICAL ASSOCIATION** is a member of the Illinois Inter-Collegiate Oratorical Association and is represented in the State contest held each October.

**THE BLACKBURNIAN.**—The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary, though various departments of college life are represented.

**BLACKBURN ATHLETIC ASSOCIATION.**—The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the college.

# The Academy

The work in this department is designed to prepare students to enter Blackburn College or any other similar institution of higher learning. The instruction is thorough, given by young men and women fresh from the best institutions in the country, and by the regular professors of Blackburn College. In this way the Blackburn ideals, coupled with those of other prominent educational centres, mold the minds and characters of the students so that they may carry on advanced work both with profit and pleasure.

There are three distinct courses, so planned as to enable students to matriculate in the College for the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of Science, at the earliest time possible.

Students are permitted to enter any class for which they are prepared, and they are classified in the catalogue according to the major part of their work. Those who are not in regular standing in any class are urged to make up the deficiencies as early as possible.

Diplomas are granted only to those students who have completed sufficient work to enable them to matriculate in Blackburn College for one of the above degrees. No diploma will be granted to any student for less than a year's residence.

Students who, at the end of their senior year in the Academy, have finished all but one or two subjects, will be granted their diplomas when the work is complete. This will commonly be one year later.

## I. BIBLE.

A, B, C. Bible Study. Introduction to some of the simple, but important facts and truths of the Bible. Reading both in private and in the classroom of selected portions of both the Old and New Testaments. One hour a week throughout the year. Required of all students in the second and third years.

D, E, F. Bible Study. Work similar to Course A, B, C, but different parts of the Bible selected. One hour a week throughout the year. Required of all students in the second and third years. This course alternates with Courses A, B, C.



## II. ENGLISH.

The work in this department aims to familiarize the students with the best English and American literature, and to develop within them a taste for it. At the same time thorough drill is given in the foundations of the English language with the aim to enable the students to express themselves accurately and easily in their mother-tongue.

A, B, C. Advanced Grammar. Composition and Rhetoric. Study of the short story. Readings from selected English and American authors. Five hours a week throughout the first year.

D, E, F. Composition and Rhetoric. History of American literature with readings from selected American authors. Five hours a week throughout the second year.

G, H, I. Theme Work. History of English literature. Reading both in private and in the class of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. Three hours a week throughout the third year.

J, K, L. Advanced English. Theme work, advanced composition and rhetoric. Wide reading in selected authors. Two hours a week throughout the third year. Required of students who wish to matriculate for the degree of Bachelor of Science.

## III. FRENCH.

A, B, C. Elementary French. The same as French A, B, C in the College. Three hours a week throughout the third year. Required of students who wish to matriculate for the degree of Bachelor of Science. May be taken by other students instead of German A, B, C.

## IV. GERMAN.

The work in this department aims to meet the need of students to read German as ordinarily required for admission to College, and also to enable them to converse intelligently in the language.

A. Elementary German. The natural method will be used, and the class work will be conducted entirely in German. *Woman's First German Book*, or a similar work will be followed. Daily dictations. Three hours a week. First Term. Second or Third Year. Required of all students who do not take French.



B, C. Elementary German, continued. A German grammar, such as is used in the German Gymnasien, will be used. Writing of short descriptions in German. Selections for reading from Wendt's *Lesebuch I*. Three hours a week. Second and Third Terms of the Second or Third Year. Required of all students who do not take French.

## V. GREEK.

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course, that is, have studied both Latin and Greek, have generally surpassed, in vigor of thought and finish of style, their fellows who have neglected one or both of the classics. This department while not requiring the time devoted to Latin, is regarded as of equal value, and students are urged to take the one year course that they may pursue both to their pleasure and profit the courses offered in the College department of Greek.

A, B, C. Elementary Greek. The same as Greek A, B, C in the College. Five hours a week throughout the third year. Required of all students intending to matriculate for the degree of Bachelor of Arts.

## VI. HISTORY.

This department aims not to cram students with unrelated facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the race of which those events are but the index.

A. Ancient History. History of ancient nations down to, and including the beginnings of Greek history. Text-book and supplementary readings in larger works. Three hours a week. First Term. First year.

B. History of Greece. As complete a survey of Greek history as time will permit, together with the beginnings of Roman history. Text-book and additional readings in larger works. Three hours a week. Second Term. First Year.

C. History of Rome. The Roman Republic and Empire until the year 476 A. D. Text-book, supplementary readings in larger works, outlines. Three hours a week. Third Term. First Year.

D. English History. From the earliest times to the accession of Henry VII, together with important events and persons on the Continent. Text-book with parallel readings in larger works. Three hours a week. First Term. Second Year.

E. English History. From 1485 to the accession of George III., with brief treatment of contemporary events and persons on the Continent. Text-book with parallel readings in larger works. Three hours a week. Second Term. Second Year.

F. English History. From 1760 until the present time with as full treatment of the British Colonial Empire as time will permit. Text-book with supplementary readings in larger works. Three hours a week. Third Term. Second Year.

G. American History. The discovery of North America, its occupation and colonization; progress of the colonies until 1765. Text-book and recitations. Reading from larger works upon American history is encouraged. Three hours a week. First Term. Third Year.

H. American History. Difficulties of the colonies with the mother-country, the struggle for independence, the confederacy, the constitution, and the United States under the constitution until the close of the second war with Great Britain. Text-book, recitations, and supplementary reading. Three hours a week. Second Term. Third Year.

I. American History. National progress after 1815, rise and decay of political parties, material development and expansion; Mexican and Civil wars, recent progress and events. Text-book, recitations, and supplementary reading. Three hours a week. Third Term. Third Year.

## VII. LATIN.

This department aims to give thorough preparation for College Latin, offering full courses in Latin Grammar, Composition, and Translation. Emphasis is laid upon correct, idiomatic English translation, and in Virgil, upon fluency also. Especial attention is paid to the Latin derivatives in common use in the English language.

A, B. Beginning Latin. A thorough study of Collar and Daniell's First Year Latin, or its equivalent. Especial attention is

given to pronunciation, inflections, and the fundamental forms of Latin Grammar. Composition, both oral and written, and drill in accurate translations. Five hours a week. Third Term. First or Second Year.

C. *Via Latina*. Collar's *Via Latina* or equivalent, is read and carefully studied. Special attention is given to the application of Grammar as learned in Latin A and B. Composition and drill in idioms preparatory to Caesar. Five hours a week. Third Term. First or Second Year.

D, E. Caesar's Gallic War, Bks. I-IV. A reading course covering the first four books of Caesar's Gallic War. Drill in development of students' vocabulary and knowledge of Syntax. A study of the life of Caesar and contemporary history. Latin Composition based on text gives a thorough and systematic review of Latin Grammar. Five hours a week. First and Second Terms. First or Second Year.

F. Sallust's *Catiline*. An introduction to Cicero and his times. Study of the conspiracy of Catiline and contemporary Roman history. Five hours a week. Third Term. First or Second Year.

G, H. Cicero. The four orations against Catiline, Archias, and the Manilian Law. Greater ease in translation and a more thorough comprehension of the author's thought receive attention in this study. Composition based on text covers same ground as Latin D, E, F, but goes more into detail. Five hours a week. First and Second Terms. Second Year.

I. Ovid. Selections from Ovid with drill in scansion, study of Latin Prosody, preparatory to Virgil. Five hours a week. Third Term. Second Year.

J, K, L. Virgil. Bks. I-VI. of the *Aeneid*, are carefully read, portions scanned, and rendered into metrical English. During the course a systematic and thorough review of Latin Grammar and study of Latin Composition are given. Five hours a week throughout the third year.

### VIII. MATHEMATICS.

The aim of this department is to fit students to carry on their work successfully in college and technical schools, or to meet the requirements of business. Thoroughness is the key-note.

A, B. Arithmetic. Careful attention given to the four rules, decimals, factoring, fractions, proportion, percentage, and roots. The instruction is adapted to the previous preparation and present aims of the students. It is designed to be especially helpful to those who expect to teach. Five hours a week. First and Second Terms. First Year.

C. Algebra. For beginners. It is thought that students after two terms of arithmetic will be ready to begin algebra and become familiar with some of the simpler concepts and processes. Five hours a week. Third Term. First Year.

D, E, F. Algebra. Thorough drill in factoring, least common multiple, fractions, radicals, roots, theory of exponents, and equations as far as quadratics. Five hours a week throughout the first year. Designed for those students who give evidence of having had sufficient training in arithmetic.

G, H, I. Plane Geometry. The usual theorems are required, with especial emphasis upon original exercises. It is believed that the students obtain greater benefit from careful, independent preparation of a limited number of original proofs than from the efforts to reproduce the written proofs of the text. Four hours a week throughout the second year.

J, K, L. Advanced Algebra. A review of beginning algebra through surds, exponents, and quadratics. Especially designed for those students who have had some algebra but not enough for college credit. One hour a week throughout the third year.

## IX. SCIENCE.

The work in this department is designed to introduce students to some of the simpler phenomena of the world viewed scientifically, and thus to put them in touch with the great field of science and pave the way for appreciative and profitable work in advanced courses in colleges or technical schools.

The instruction in geography, in particular, aims, not merely to familiarize students with the grand divisions, countries, and states in the world, but more especially to enable them to see the relations between the configuration of the earth's surface and the great historical and economic movements.

A. Geography. This course is designed as a special preparation for the study of history. Text-book, maps, globes. Two hours a week. First Term. First Year.

B, C. Physical Geography. Special emphasis laid upon the influence of physical conditions upon the history of nations. This course is designed to be especially helpful as the basis for later study of biology and geology. Two hours a week. Second and Third Terms. First Year.

D. Elementary Zoology. An introduction to the study of animal life. Text-book, recitation; and laboratory practice. Two hours a week. First Term. Second or Third Year.

E. Physiology. A study of the human body, its construction, functions, and needs. Text-books and recitations. Two hours a week. Second Term. Second or Third Year.

F. Elementary Botany. An introduction to the study of plant-life. Text-book, recitation, and laboratory practice. Two hours a week. Third Term. Second or Third Year.

G, H, I. Elementary Physics. An introduction to the subjects usually included in a course in general physics. The class work consists of recitations from the text, solution of problems, and occasional lectures on different points. Many experiments illustrating the text matter are tried by the class or performed by the professor. Three hours a week throughout the third year.



# Courses by Years

## Required for Matriculation for the Degree of Bachelor of Arts

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English A, B, C..	5	English D, E, F..	5	English G, H, I..	3
*Latin A, B, C..		History D, E, F..	3	Latin J, K, L....	5
or D, E, F..	5	Latin G, H, I..	5	Greek A, B, C...	5
History A, B, C..	3	Bible A, B, C.		German A, B, C..	
**Math. A, B, C..		or D, E, F..	1	or	
or D, E, F..	5	Math. G, H, I..	4	†French A, B, C..	3
Science A, B, C..	2	Science D, E, F..	2	Bible A, B, C....	
				or D, E, F..	1
				Math. J, K, L....	1
				Science G, H, I..	3

\*Latin A, B, C is required of students who are not prepared to read Caesar.

\*\*Mathematics A, B, C is required of students who are not prepared for algebra.

†French A, B, C may be taken instead of German A, B, C.

## Required for Matriculation for the Degree of Bachelor of Philosophy

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
PERIODS		PERIODS		PERIODS	
COURSES.	A WEEK.	COURSES.	A WEEK.	COURSES.	A WEEK.
English A, B, C..	5	English D, E, F..	5	English G, H, I..	3
*Latin A, B, C..		History D, E, F..	3	Latin J, K, L....	5
or D, E, F..	5	Latin G, H, I..	5	History G, H, I..	3
History A, B, C..	3	German A, B, C..		German 1, 2, 3..	
**Math. A, B, C..		or		or	
or D, E, F..	5	†French A, B, C..		‡French 1, 2, 3... 3	
Science A, B, C..	2	Bible A, B, C.		Bible A, B, C ..	
		or D, E, F..	1	or D, E, F..	1
		Math. G, H, I..	4	Math. J, K, L....	1
				Science D, E, F..	2
				" G, H, I..	3

\*Latin A, B, C is required of students who are not prepared to read Caesar.



**\*\*Mathematics A, B, C** is required of students who are not prepared for algebra.

†French A, B, C may be taken instead of German A, B, C.

‡French 1, 2, 3 is required of students who took French A, B, C the previous year.

## Required for Matriculation for the Degree of Bachelor of Science

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.	COURSES.	PERIODS A WEEK.
English A, B, C..	5	English D, E, F..	5	English G, H, I..	3
Latin A, B, C..	5	History D, E, F..	3	“ J, K, L..	2
History A, B, C..	3	Latin D, E, F. .	5	History G, H, I..	3
*Math. A, B, C..		Bible A, B, C.		German 1, 2, 3..	
or D, E, F..	5	or D, E, F..	1	or	
Science A, B, C..	2	Math. G, H, I..	4	†French 1, 2, 3..	3
		German A, B, C..		‡German A, B, C.	
		or		or	
		**French A, B, C.	3	French A, B, C..	3
				Bible A, B, C..	
				or D, E, F..	1
				Math. J, K, L....	1
				Science D, E, F..	2
				“ G, H, I..	3

\*Mathematics A, B, C is required of students who are not prepared for algebra.

\*\*French A, B, C may be taken instead of German A, B, C.

†French 1, 2, 3 is required of students who took French A, B, C the previous year.

‡In case French A, B, C was taken the previous year, German A, B, C is required this year, and vice versa.

# Music

## Piano Course

### FIRST GRADE.

- Studies ..... { Standard Grade Course—W. S. B. Matthews.  
Wieck.  
Scales.
- Compositions { Exercises in writing notes and transposition.  
Kleinmichel: Clavier Spielen, (4 hands), 1st book.  
Gurlitt: op. 18, (4 hands); Low, Dennee, Sartorio,  
(4 hands).

### SECOND GRADE.

- Studies ..... { Duvernoy; op. 120-3 books.  
Scales and Arpeggios.  
Czerny.  
Minor Scales.  
Schmoll: Execution, Phrasing, Expression.
- Compositions { Clementi, Kuhlman, Lange, and Burgmüller.  
Concone, Sartorio, Heins, Lichner, Dennee.

### THIRD GRADE.

- Studies ..... { Bach: Twelve Little Preludes.  
Heller: Opus 47, 46, 45.  
Mason's Touch and Technic.  
Loeschorn: op. 66, 3 books.  
Minor Scales.
- Compositions { Selections from Schubert, Weber, Mozart, Beeth-  
oven, (4 hands).  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.

## FOURTH GRADE.

Studies ..... { Bach: Two Part Inventions.  
Czerny: op. 740.  
Taussig: Daily Studies.  
Jensen: Characteristic Studies, op. 32.

Compositions { Schubert: Marche, (4 hands).  
Grieg, Henselt, Chopin, Chaminade.  
Schubert, Rubenstein, Leschetizky.  
Moskowki, Handel.

## FIFTH GRADE.

Studies ..... { Bach: French Suites.  
Bach: Suites Anglaises.  
Heller: Art of Phrasing, op. 6.  
Clementi: Gradus ad Parnassum.  
Kullak: Octave Studies.  
Moschelle: op. 70.

Compositions { Beethoven, Schubert, Schuman.  
MacDowell, Chopin.  
Moskowski, Meyer-Helmund.  
William Mason.

## SIXTH GRADE.

Studies ..... { Chopin: ....op. 25.  
Bach, Vogrich.

Compositions { Brahms, Heller, Wagner.  
Liszt, Chopin, Schuman.  
Steiner's Harmony.  
Filmore's History of Music.

## Vocal Course

### FIRST GRADE.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger, and Concone.

### SECOND GRADE.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

### THIRD GRADE.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies in Sieber, Marchesi, Lamperti. More difficult songs. Church music.

### FOURTH GRADE.

More advanced studies for equalizing the voice in all registers, broadening the technique, and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

Pupils' recitals are held on the third Saturday of each month.

# Degrees Conferred in 1906

The Degree of Bachelor of Arts  
upon

Margaret Elizabeth Hubbard.

The Degree of Bachelor of Philosophy  
upon

Florence Murillo Hassett.

The Degree of Bachelor of Science  
upon

Albert George Grassel, Charles Abner Hounsley and  
Frank Edwin Wilson.

The Degree of Litterarum Humanarum Doctor  
upon  
David Felmley.

## Honor Roll

All students who attain an average grade of 90 or more for the entire year in all subjects are placed on the honor roll, and their names are read on commencement day. Following is the roll for the year ending June, 1906:

### COLLEGE.

Senior Class	.	.	.	Charles A. Hounsley, Chesterfield, Ill.
Sophomore Class	.	.	.	Hope Tongate, R. F. D., Carlinville, Ill.

### ACADEMY.

Nellie Russell	.	.	.	.	.	.	.	Hornsby, Ill.
Herbert G. Etter	.	.	.	.	.	.	.	Reader, Ill.
Myrtle Lawrence	.	.	.	.	.	R. F. D.,	Carlinville, Ill.	
Norma Hoblit	.	.	.	.	.	.	.	Carlinville, Ill.
W. Ayers Keplinger	.	.	.	.	.	.	.	Carlinville, Ill.
Frank D. Wallis,	.	.	.	.	.	.	.	Butler, Ill.
Edith Thomas	.	.	.	.	.	.	.	Gillespie, Ill.

# Students

## Graduates

David Bell Gore . . . . .	Carllinville, Ill.
Ph. B. (Blackburn University) 1904. Sociology, Economics, History. Enrolled candidate for A. M.	
Florence Murillo Hassett . . . . .	Carllinville, Ill.
Ph. B. (Blackburn University) 1906. English. Enrolled candidate for A. M.	
Victor Herman Hemphill . . . . .	Carllinville, Ill.
Sc. B. (Blackburn University) 1902. LL. B. (St. Louis Law School) 1905. Sociology, Economics, History. Enrolled candidate for A. M.	

## Undergraduates

### Senior—Class of 1907.

James Loy Bowman . . . . .	Litchfield
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### Juniors—Class of 1908.

Martha Lou Burke . . . . .	Carllinville
Charlotte Crew . . . . .	Carllinville
Lois Johnson . . . . .	Carllinville
Ethel Juanita Robison . . . . .	Carllinville
Earl Benjamin Searcy . . . . .	Carllinville
Charlotte Lydia Flora Steinmeyer . . . . .	Carllinville
Helen Rebecca Steward . . . . .	Carllinville
Hope Fern Tongate . . . . .	Carllinville

### Sophomores—Class of 1909.

Edward Childs Denby . . . . .	Carllinville
John Louis Homer . . . . .	Carllinville
Edwin Loehr . . . . .	Carllinville
Gustav Henry Mueller . . . . .	Carllinville
Thomas Kelly Rinaker . . . . .	Carllinville
Victor Blaine Robison . . . . .	Carllinville



Rivers McNeill Anderson	Carlenville
Amy Jane Ball	Farmersville
Bertie Mayfield Burke	Carlenville
Annella Denby	Carlenville
Myrtle Mary Denby	Carlenville
Octavia Irene Hall	Sugar City, Colo.
William Herman Haynes	Waggoner
Loura Belva Herrick	Carlenville
Vevia Rodiner	Gillespie
William Endimon Searcy	Carlenville
Edith Thomas	Gillespie
Fred Lee Wilson	Carlenville
Edward Valentine Young	Carlenville

# In the Academy

## Third Year—Class of 1907.

Myrtle Lawrence	Carlinville
Nellie Russell	Gillespie

## Second Year—Class of 1908.

Mae Boyd	Palmyra
Lawrence Paul Brubaker	Waggoner
Herbert Etter	Reader
Maryon Evelyn Mounts	Carlinville
Rosalie Patchen	Carlinville
Roberta Lee Simmons	Brighton
Oliver White	Carlinville

## First Year—Class of 1909.

William Francis Brewer	Carlinville
Mary Elizabeth Edmiston	Hettick
Edith Eunice Hobson	Hettick
Lucie Mae Hobson	Hettick
John Hoecker	Carlinville
Adelaide Hounsley	Chesterfield
Ava Hugh Huddleston	Farmersville
William Mayfield Hulse	Carlinville
Julia Gladys Teaney	Millersville
Louis Charles Weise	Carlinville
Anna Luetta Wiggins	Carlinville

## Special Students

Webster Blockburger	Carlinville
Henry Matthew Boston	New Berlin
Beatty Taylor Burke	Carlinville
William Leroy Calvin	Carlinville
Lucy Mildred Edmiston	Hettick
Lucy Margurite Flanagan	Reader
Benjamin Charles Kelly	Rockwood
Mary Emma Meyers	Assumption
Conrad Garis Robison	Carlinville

Elsie Schwerdtmann	. . . . .	St. Louis, Mo.
Fred E. Travis	. . . . .	Carlinville
Robb H. Travis	. . . . .	Carlinville
Henry Walton	. . . . .	Chesterfield
Geraldine Converse Woodward	. . . . .	Carlinville
Mabel Claire York	. . . . .	Carlinville

Summary

IN THE COLLEGE.

Graduates	. . . . .	3
Seniors	. . . . .	1
Juniors	. . . . .	8
Sophomores	. . . . .	8
Freshmen	. . . . .	7
Specials	. . . . .	13
		—40

IN THE ACADEMY.

Third Year	. . . . .	2
Second Year	. . . . .	7
First Year	. . . . .	11
Specials	. . . . .	15
		—35
Total	. . . . .	75

# Music Department

## INSTRUMENTAL.

James Anderson . . . . .	Carlinville
Mary Van Anderson . . . . .	Carlinville
Perry Anderson . . . . .	Carlinville
Amy Jane Ball . . . . .	Farmersville
Mason Ash Barcus . . . . .	Carlinville
Pauline Adella Barcus . . . . .	Carlinville
Gertrude Burke . . . . .	Carlinville
Kathleen Burke . . . . .	Carlinville
Martha Lou Burke . . . . .	Carlinville
Ethel Calvin . . . . .	Carlinville
Lutie May Caudry . . . . .	Gillespie
Eldred Cress . . . . .	Carlinville
Charlotte Crew . . . . .	Carlinville
Bessie Crowder . . . . .	Carlinville
Mary Marguerite Davenport . . . . .	Carlinville
Ethel Duffy . . . . .	Gillespie
Lucy Mildred Edmiston . . . . .	Hettick
Elizabeth Fitzgerald . . . . .	Gillespie
Mary Flori . . . . .	Carlinville
Flora Augusta Gillman . . . . .	Carlinville
Marie Louise Gillman . . . . .	Carlinville
Nora Gilseka . . . . .	Carlinville
Gertrude Gottshall . . . . .	Carlinville
Mary Agnes Graham . . . . .	Carlinville
Loura Belva Herrick . . . . .	Carlinville
Jean Hoblit . . . . .	Carlinville
Norma Abigail Hoblit . . . . .	Carlinville
Helen Homer . . . . .	Carlinville
Emily Kathryn Jordan . . . . .	Carlinville
Judith Jordan . . . . .	Carlinville
Elfie Keas . . . . .	Carlinville
Howard Knotts . . . . .	Carlinville
Adele Marie Loehr . . . . .	Carlinville
Annie Madden . . . . .	Carlinville

Margaretha Meyer	Gillespie
Mary Emma Meyers	Assumption
George Morris	Carlinville
Pearl Morris	Carlinville
Maryon Evelyn Mounts	Carlinville
Alma Dora Mueller	Carlinville
Gustav Henry Mueller	Carlinville
Lillian Pocklington	Carlinville
Vevia Rodiner	Gillespie
Margaret Elizabeth Ross	Carlinville
Mildred Denby Ross	Carlinville
Wendell Ross	Carlinville
Rebecca J. Sacre	Carlinville
Helen Frances Searcy	Carlinville
Roberta Lee Simmons	Brighton
Lunetta Smith	Gillespie
Myrtle Smith	Carlinville
Charlotte Lydia Flora Steinmeyer	Carlinville
Stella Steinmeyer	Carlinville
Helen Rebecca Steward	Carlinville
Lorine Surman	Carlinville
Genevieve Westermeier	Carlinville
Reba Westermeier	Carlinville
Geraldine Converse Woodward	Carlinville
Leland Wooters	Carlinville
Norman Wooters	Carlinville
Mabel Claire York	Carlinville
Anita Young	Carlinville
Marie Young	Carlinville

## VOCAL.

Amy Jane Ball	Farmersville
Nellie Boswell	Shipman
Mae Boyd	Palmyra
George Burton Cawthorne	New Lisbon, Wis.
Mrs. Frank H. Colver	Carlinville
Mary Marguerite Davenport	Carlinville
Harriett Deadrick	Carlinville
Sarah Deadrick	Carlinville

Edward Childs Denby . . . . .	Carllinville
Myrtle Mary Denby . . . . .	Carllinville
Gladys Gore . . . . .	Carllinville
William Edward Hart . . . . .	Brighton
Mrs. Orin C. Hartley . . . . .	Carllinville
William Herman Haynes . . . . .	Waggoner
Mae Hoblit . . . . .	Carllinville
John Hoecker . . . . .	Carllinville
Mrs. E. B. Peebles . . . . .	Carllinville
Mildred Elizabeth Rowe . . . . .	Carllinville
Mrs. James B. Searcy . . . . .	Carllinville
William Endimon Searcy . . . . .	Carllinville
Varina Beatrice Smith . . . . .	Carllinville
Stella Theresa Surman . . . . .	Carllinville
Frank DeWitt Wallis . . . . .	Butler
Mrs. Mary Wiley . . . . .	Virden
Frederick Wilson . . . . .	Carllinville
Mrs. Charles Trumbul Woodward . . . . .	Carllinville
Geraldine Converse Woodward . . . . .	Carllinville

## SUMMARY.

Instrumental . . . . .	63
Vocal . . . . .	27
	—
Total . . . . .	90
Counted twice . . . . .	3



# Elocution Department

Edith Dolores Almond . . . . .	Viriden
Myrtle Glenn Boring . . . . .	Carllinville
Bessie Brewer . . . . .	Carllinville
Violette Viola Burgdorf . . . . .	Carllinville
Bertha E. Coultas . . . . .	Viriden
Wilhelmina Dambaugh . . . . .	Carllinville
Mary Marguerite Davenport . . . . .	Carllinville
Stella Marie Flori . . . . .	Carllinville
Anna Belle Giberson . . . . .	Carllinville
Hazel Luceille Gore . . . . .	Carllinville
Grace Hewitt . . . . .	Chesterfield
Homer Leroy Madison . . . . .	Carllinville
Beulah Mitchell . . . . .	Viriden
Harry Techlenburg . . . . .	Carllinville
Theresa Marie Renner . . . . .	Carllinville
Mary Robison . . . . .	Carllinville
Mildred Elizabeth Rowe . . . . .	Carllinville
Henrietta Etta Ruegg . . . . .	Carllinville
Eva Maye Sanders . . . . .	Carllinville
Anita Julia Schneider . . . . .	Carllinville
Evan Lemuel Searcy . . . . .	Carllinville
Myrtle Smith . . . . .	Carllinville
Julia Gladys Teaney . . . . .	Millersville
Roland Corrington Wolfe . . . . .	Carllinville
Total . . . . .	24

## COMPLETE ENROLLMENT.

College . . . . .	40
Academy . . . . .	35
Music Department . . . . .	87
Elocution Department . . . . .	24
Total . . . . .	186
Counted twice . . . . .	29
	157

# \* Text-Books For the Academy

## LATIN.

First Year Latin: Collar and Daniell.  
 New Caesar: Allen and Greenough.  
 New Cicero: Allen and Greenough.  
 New Virgil: Allen and Greenough.  
 New Latin Grammar: Allen and Greenough.

## GREEK.

First Greek Book: White.  
 Anabasis: Goodwin and White.  
 Greek Composition: Collar and Daniell.

## ENGLISH.

Elements of English Composition: Kittredge and Arnold.  
 Introduction to American Literature: Matthews.  
 Riverside Literature Series.

## PHILOSOPHY.

Logic: Creighton.  
 Psychology: James. [Briefer Course.] Bowne.  
 Ethics: Thilly, Bowne, Janet, Seth.  
 History of Philosophy: Weber.

## SOCIAL SCIENCE.

Outlines of Practical Sociology: Wright.  
 Political Economy: Fetter.

## LATIN.

Livy: Lincoln.  
 Cicero's Letters: Kirkland.  
 Tacitus [Germania and Agricola]: Allen.  
 Horace, Odes and Epodes: Smith.

## GERMAN.

First German Book: Worman.  
 Lesebuch I.: Wendt.  
 German Grammar: Such as is used in a German Gymnasium.

## HISTORY.

History of United States: Adams and Trent.  
 Leading Facts of English History: Montgomery.

## MATHEMATICS.

Essentials for Beginning Algebra: Wells.  
 Revised Plane and Solid Geometry: Wentworth.

## SCIENCE.

Physical Geography: Tarr.  
 Human Body: Martin.  
 Animal Life: Jordan and Kellogg.  
 Plants: Coulter.  
 Physics: Carhart and Chute.

# For the College

## ENGLISH.

Advanced Rhetoric: Genung.  
 Principles of Argumentation: Baker.  
 First Book in Old English: Cook.  
 English Literature: Arnold.  
 Selected English and American Classics.

## HISTORY.

History of Greece: Botsford.  
 History of Rome: Botsford.  
 Mediaeval Europe: Adams and Emerton.  
 Modern Europe: Thatcher and Schwill.  
 Elements of English Constitutional History: Montague.

\*Merely suggestive. Subject to change each year.

Horace, Satires and Epistles:  
Greenough.  
Catullus: Merrill or Crowell.  
Latin Literature: Mackail.  
Latin Writing: Mather and  
Wheeler.  
Private Life of Romans: John-  
ston.

## GREEK.

Anabasis: Goodwin and White.  
Hellenica: Manatt.  
Lysias: Bristol.  
Iliad: Keep.  
Odyssey: Perrin.  
Plato, [Crito and Apology]:  
Dyer.  
Sophocles, [Antigone]: D'Ooge.  
Demosthenes, [Philippics]: Tar-  
bell or Tyler.  
Aristophanes, [Clouds]: Hum-  
phreys.  
Greek Testament: Westcott and  
Hort.  
Greek Grammar: Goodwin.  
Home Life of the Ancient  
Greeks: Blumner.

## BIBLICAL HISTORY AND LITERATURE.

History of the Hebrew People:  
Kent.  
The Literary Study of the Bible:  
Moulton.

## PHYSICS AND CHEMISTRY.

Advanced Physics: Carhart.  
Laboratory Manual: Chute.  
Elements of Chemistry: Rem-  
sen.

## MINERALOGY AND GEOLOGY.

Text-book of Mineralogy: E. S.  
Dana.  
Revised Text-book of Geology:  
J. D. Dana.

## FRENCH.

French Grammar: Frazer and  
Squair.  
French Reader: Rollins.  
Eugenie Grandet: Balzac.  
Le Siege de Paris: Sarcey.  
Historie de la litterature: Dem-  
oget.  
Classics: Selected Editions.

## GERMAN.

Deutsche Sprachlehre: Sanden.  
Deutsches Lesebuch: von Hopf  
und Paulsiek.  
Geschichte der deutschen Litter-  
atur: von Lexiner.  
Classics: Selected Editions.

## MATHEMATICS AND ASTRONOMY.

New Plane and Spherical Trig-  
onometry: Wentworth.  
Analytical Geometry: Nichol.  
Differential and Integral Calcul-  
us: Osborne.  
Differential Calculus, [Prob-  
lems]: Byerly.  
Integral Calculus: Byerly.  
Surveying: Pease and Ketchum.  
Determinants and Theory of  
Equations: Barton.  
Manual of Astronomy: Young.

## BIOLOGY.

Botany: Leavitt's Outlines, etc.:  
Gray's Manual.  
Zoology: Elements, etc.: Need-  
ham.  
Principles: Claus and Sedg-  
wick.  
Manual for Study of Insects:  
Comstock.  
Osteology: Gray's Anatomy, etc.  
Anatomical Technology: Wilder  
and Gage.











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08/09

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MAY, 1909.

No. 1

THE LIBRARY  
OF THE  
UNIVERSITY OF ILLINOIS

BULLETIN

OF

BLACKBURN COLLEGE

THE CATALOGUE

1908-1909



CARLINVILLE  
PUBLISHED BY BLACKBURN UNIVERSITY

May, September, December and March

Entered as second-class matter June 6, 1906, at the postoffice at Carlinville, Illinois  
under the act of Congress of July 16, 1904.



THE CATALOGUE

OF

# Blackburn College

CHARTERED 1857

1908-1909



CARLINVILLE, ILL.

PUBLISHED BY BLACKBURN UNIVERSITY

1909

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CARLINVILLE DEMOCRAT PRINT

Carlinville, Illinois

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# Calendar, 1909=1910

1909.

- September 7.*      *Tuesday, 10 A. M., to 3 P. M.* Registration of Students.
- September 8.*      *Wednesday, 10 A. M.* Academic Year Begins.
- November 24-29.* *Wednesday, 4 P. M. to Monday 10 A. M.* Thanksgiving Recess.
- December 20-23.* *Monday to Thursday.* Term Examinations.
- December 23, 1909, to January 4, 1910, Thursday Noon to Second Tuesday.* Christmas Vacation.

1910.

- January 4.*          *Tuesday, 10 A. M.* Second Term Begins.
- February 10.*       *Thursday.* Day of Prayer for Colleges.
- March 26 to April 1, Saturday to Wednesday.* Term Examinations.
- April 1-5.*          *Wednesday 4 P. M. to Tuesday.* Spring Recess.
- April 5.*           *Tuesday 10 A. M.* Third Term Begins.
- May 14.*           *Saturday.* Essays Due for the Faculty Prize.
- June 1-4.*          *Wednesday to Saturday.* Term Examinations.
- June 5-8.*          *Sunday to Wednesday.* Commencement Exercises.
- June 7.*           *Tuesday 10 A. M.* Meeting of the Board of Trustees.
- June 8.*           *Wednesday 10:30 A. M.* Commencement.

SUMMER VACATION.

1910.

- September 13.*      *Tuesday 10 A. M. to 3 P. M.* Registration of students.
- September 14.*      *Wednesday 10 A. M.* ACADEMIC YEAR BEGINS.

## BOARD OF TRUSTEES

### Officers of the Board

REV. T. D. LOGAN, D. D., PRESIDENT.  
 HON. THOMAS RINAKER, SECRETARY.  
 HON. FRANK W. BURTON, TREASURER.

### The Board

HON. THOMAS RINAKER	-	-	-	-	-	Carlinville
REV. W. H. PENHALLAGON, D. D.	-	-	-	-	-	Decatur
A. H. BELL	-	-	-	-	-	Carlinville
HON. FRANK W. BURTON	-	-	-	-	-	Carlinville
*JOHN P. MATTHEWS, M. D.	-	-	-	-	-	Carlinville
D. W. TAYLOR	-	-	-	-	-	Litchfield
CHARLES G. BROWN	-	-	-	-	-	Divernon
THOMAS L. FANSLER	-	-	-	-	-	Evanston
REV. C. M. BROWN, D. D.	-	-	-	-	-	Joliet
REV. T. D. LOGAN, D. D.	-	-	-	-	-	Springfield
THEODORE C. LOEHR	-	-	-	-	-	Carlinville
JOHN WILSON	-	-	-	-	-	Carlinville
H. H. MONTGOMERY	-	-	-	-	-	Carrollton
REV. JOHN A. TRACY	-	-	-	-	-	Shelbyville

### Prudential Committee

T. D. LOGAN,  
 FRANK W. BURTON,  
 A. H. BELL,

THOMAS RINAKER,  
 \*J. P. MATTHEWS,  
 C. M. BROWN.

CORPORATE NAME: The Blackburn University.

\*Died Jan. 7, 1909.

## THE FACULTY

WALTER HENSILL BRADLEY, Ph. D., Acting President.

Harris Professor of Law.

*History, Philosophy and Social Science.*

JOHN DYKEMAN CONLEY, Ph. D.

*Chemistry and Geology, Emeritus.*

CHARLES ROBERTSON, Ph. D.

*Biology.*

WESLEY ADAMS CHALLACOMBE, M. S.

*Mathematics and Astronomy.*

FRANCIS LEE GOFF, A. M.

Blackburn Professor of Theology.

*Biblical Literature and Ethics.*

CLARISSA RINAKEK, A. B.

*English and French.*

HOPE FERN TONGATE, A. B.

*Latin and Greek.*

FRANK MILTON BYERS, B. S.

*Physics, Chemistry, Agriculture.*

MAE AUDREY KRINARD.

*Expression.*

MRS. AGNES COVERT KNAPP.

*Art.*

MRS. ROBERT O. PURVIANCE.

*Piano.*

NELLIE REBECCA MESSICK, A. B.

*Piano.*

MRS. TRUMAN GORE.

*Voice.*

## History of the College

In 1835, the Rev. Gideon Blackburn, D. D., a Presbyterian minister residing in Carlinville, Illinois, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of the early colleges in New England and the East, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry by giving them such instruction in the Holy Scriptures as might enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Since the United States Government at that time was placing upon the market large tracts of land in this region, Dr. Blackburn volunteered to give his personal services in entering land for the friends of the cause on the following terms: Two dollars were to be paid him for each acre entered; of this amount he was to pay one dollar and a quarter an acre for the land, reserve twenty-five cents for his own services and invest the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds sufficient to enter a fraction over 16,656 acres for the College. These lands were situated chiefly in Macoupin and Montgomery Counties.

To secure the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College buildings.

These lands were all entered in Dr. Blackburn's name, but in May, 1837, he deeded them to certain trustees for the purpose of founding and maintaining the institution which he had originally planned. In 1857, the trustees, acting in accordance with the instructions of the deed, obtained a charter from the legislature.

Soon after the charter was granted, the Rev. John C. Downer was chosen financial agent, and A. McKim Dubois, Esq., treasurer, and a building was erected on the present site at a cost of \$12,000. In 1859 a primary school was opened in this building with Mr. Downer as principal and Mr. Clarke as assistant, the latter doing most of the teaching.

In the autumn of 1862, Mr. Robert B. Minton became principal. From that time until the present the school has continued without interruption, and today, as Blackburn Academy, is a vital part of the institution.

In the year 1864-65, a full collegiate course of study, both classical and scientific, was adopted; women were admitted to all classes with the same privileges as men.

In September, 1867, the Rev. John W. Bailey, D. D., was elected Blackburn professor of theology, and the theological department was organized. The department continued for many years, and although the number of students was not large, those who graduated from it have served, and are serving, the Presbyterian and other churches in an acceptable way. The theological course is no longer given.

During this year the building was enlarged and improved at an expense of \$35,000.

In 1868, the legislature, by request of the Trustees, changed the name of the institution from "Blackburn Theological Seminary" to "The Blackburn University," which has continued to be the official name down to the present time.

With the enlargement of the faculty and the increase in the number of students, it became necessary for the institution to have an official head. Professor Bailey was chosen president in 1871. He discharged the duties of that office until 1876, and, after the lapse of a year, was succeeded by the Rev. E. L. Hurd, D. D., who served until 1891.

In the autumn of 1891, Richard Edwards, LL. D., ex-Superintendent of Public Instruction in Illinois, was called to the presidency and continued in that position for two years. Ill health compelled him to resign.

The next President, the Rev. James E. Rogers, Ph. D., D. D., served with credit to himself and profit to the institution from 1893 to 1896.

After a year's interval during which Professor Walter H. Crowell was the acting President, the Rev. Walter H. Bradley was appointed Dean and acting President and remained such until 1905.

In June, 1905, the Rev. Thomas W. Lingle, Ph. D., was

chosen President and at his resignation in June, 1908, the Rev. Walter H. Bradley was again made acting President.

In 1906, a movement was inaugurated to increase the endowment. Mr. Andrew Carnegie offered twenty thousand dollars on condition that fifty thousand dollars more be raised. The condition was met in cash and Mr. Carnegie's check has been received. In August, 1908, by the settlement of the John A. Harris estate twenty thousand dollars was received and the Harris professorship of Law was established. Thus within three years the resources of the college have been increased more than ninety thousand dollars.



# GENERAL INFORMATION

## Location and Equipment

**AIM.**—The college aims for higher planes of scholarship, for loftier ideals of manhood and womanhood, for the dignity of all labor, for the preservation and maintenance of the institutions which have been the bulwark of society and the crowning glory of our modern civilization. Its mission is to bring the best thoughts of the best minds and the purest emotions of the truest hearts of the race to bear on the youth committed to its trust, and to contribute as may lie within its power to the promotion of all that is best and truest among men and to the glory of God.

**LOCATION.**—The College is situated at Carlinville, Illinois, the county seat of Macoupin County, a city of about four thousand inhabitants, forty miles from Springfield and sixty miles from St. Louis. The Chicago & Alton Railroad, the main line from Chicago to St. Louis, and a branch east and west, affords access from every direction. The Illinois Traction System, with electric cars hourly from Decatur and Springfield to St. Louis, adds to the accessibility of the institution.

**GROUNDS AND CAMPUS.**—The Campus contains ten acres, well shaded by maples and elms. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are foot ball and base ball grounds and tennis courts.

**UNIVERSITY HALL.**—This building, completed in 1868, is a three-story brick structure, containing, on the first floor, rooms for the Academy, the Department of Mathematics, the Oioparthenian Society, the Young Men's Christian Association and the Art Studio; on the second floor, the chapel, president's office, the library and several recitation rooms; on the third floor, students' rooms. In the basement are the refectory, bath rooms, gymnasium and the steam heating plant.

**ROBERTSON HALL.**—Northwest of University Hall stands Robertson Hall, containing, on the first floor, rooms for biology, physics and chemistry; on the second floor, the Taylor Museum;

on the third floor the halls of the young men's literary societies. This building was provided by the liberality of Dr. William A. Robertson and his wife.

**MINTON OBSERVATORY.**—To the west of Robertson Hall is the Minton Observatory, donated by the late Robert B. Minton, who for twenty-seven years was connected with Blackburn as principal of the Academy and Professor of Mathematics. In this building is a five-inch, equatorially mounted telescope, made by Loomis.

**TAYLOR MUSEUM.**—This museum was donated to Julius S. Taylor, M. D., Ph. D., a friend and correspondent of Agassiz. It is the life-work of the venerable donor, representing fifty years of scientific study, collection and exchanges. More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, and curiosities from foreign mission fields, together with a beautiful collection of shells and corals, are grouped here.

Additions to this collection were made in 1886 by the ladies of Carlinville and the class of 1886. The classes of 1887 and 1888 also contributed liberally, and the Illsley and Buffington collections were added later.

**CHEMICAL LABORATORY.**—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas, and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The laboratory fee covers only the cost of materials. Breakage of apparatus is charged to the students.

**PHYSICAL LABORATORY.**—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

**THE LIBRARY.**—The library embraces works on history, science, linguistics, archaeology, literature, and theology. It contains a number of rare books, valuable specimens of the book-makers' art, more than three hundred years old.

**GYMNASIUM.**—Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. A full complement of apparatus is provided; parallel bars, horizontal bar, travel-

ng rings, flying rings, climbing rope, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards and tumbling mats.

DORMITORY FOR YOUNG MEN.—The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated and are heated by steam. Furniture must be provided by the occupant, though a limited amount may be rented or purchased from the College. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students who room in the building have control of the College refectory, at which board is furnished at cost, averaging from two to three dollars a week.

## ATTENDANCE, EXAMINATION AND STANDING

REGISTRATION AND ATTENDANCE.—The academic year is divided into three terms. All students are expected to register upon the first day of each term, except at the beginning of the year, when the registration should be made during *the two days just previous* to the calendar date for the beginning of the term. Cuts are counted from the first day of each term.

Each student is expected to attend the daily chapel service and also every exercise in the several studies to which he is assigned.

EXAMINATION AND STANDING.—Except in laboratory and similar work, all classes are examined at the close of each term.

If a student in the College absents himself from any course more than the allowed number of times, viz.: as many times during the term as there are recitation periods a week in that course, he renders himself liable to debarment from the examination in that course at the of the term. Such a student may, however, be examined in that subject at a later date, upon payment of a special fee of one dollar. Students in the Academy are subject to the regulations made by the Principal of the Academy.

The grading is upon a scale of 100. If a student fails to make an average of 75 per cent. in any subject at the end of a term, he is required to take a special examination as soon thereafter as the professor in whose department the failure occurred deems it advisable. In determining the final average, the examination counts one-third.

A report of each student's standing is sent to parent or guardian at the end of each term. Reports are also made more frequently when there is need.

Any student who, from carelessness, inattention or indolence, falls below 65 per cent. in all his studies, will not be permitted to remain in the institution.

HONORS.—Students who have an average of 90 per cent., or over, during their whole College course, will be regarded as

graduating with honor. Students who do not secure an average of 90 per cent. in all their work, but do have an average of 90 per cent., or over, in any department in which they have taken at least nine term hours of elective work in addition to all the required work, may, upon the recommendation of the professor in charge, be graduated with final honors in that department.

The names of students thus graduated with Final Honors will be printed upon the Commencement Programme and also in the Annual Catalogue.

The names of students who have an average standing of 90 per cent., or over, for the year, will be read at the morning exercises on Commencement Day.

DISCIPLINE.—There is no formal set of rules in force. Students are expected to conduct themselves in accordance with the ordinary rules of propriety. When, from time to time, special rules are made in the interest of the whole student body, it is expected that all members of the institution will cheerfully comply with them. Offenses against the social well-being of the students as a whole will be dealt with by the several professors and instructors, or by the Faculty, as the occasion may demand. Continued wrong-doing on the part of any student, such as makes it evident to the Faculty that the student is not only failing to be benefited by the institution but is also becoming harmful to others, will be deemed a sufficient reason for requesting the parent or guardian of that student to remove him. If such removal does not take place within a reasonable time, dismissal from the institution will follow.

No student who has been subject to College censure will be allowed to represent the College in any public way, from the time when the censure was imposed until the end of that academic year. Such student may not play upon ball teams, take part in any debate, oratorical contest, or similar activity.



## EXPENSES

The tuition for the year in the College is \$50.00, divided according to terms as follows: \$22.00 in the Fall Term, \$16.00 in the Winter Term, and \$12.00 in the Spring Term. For the Academy the tuition is \$40.00 for the year, divided as follows: \$18.00 in the Fall Term, \$12.00 in the Winter Term, and \$10.00 in the Spring Term. Other College and Academy expenses may be summarized thus:

	Fall Term		Winter Term.		Spring Term.	
1. Incidentals . . . . .	\$1.00		\$ 1.00		\$1.00	
2. Room rent from . . . . .	4.50--	8.00	4.50--	7.50	3.00--	6.00
3. Board in College Club.	30.00--	35.00	25.00--	27.50	22.00--	27.00
	<hr/>		<hr/>		<hr/>	
	\$35.50--\$44.00		\$30.50--\$36.00		\$26.00--\$34.00	

Adding to these sums the proper tuition fee, the total expenses, apart from the laboratory fees, range from \$57.50 in the College and \$35.50 in the Academy in the Fall Term to \$38.00 and \$36.00 in the College and Academy, respectively, in the Spring Term.

### LABORATORY FEES, ETC.

In the Department of Biology a laboratory fee of one dollar (\$1.00) a term is charged for each course.

In Chemistry a fee of two dollars (\$2.00) a term is charged in connection with Course 1. In advanced courses in Chemistry the fee is three dollars (\$3.00) a term.

In Physics the laboratory fee is two dollars (\$2.00) a term for each course.

At the beginning of the year a deposit of two dollars (\$2.00) is required of young men in the College and Academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to the student.

Extra tuition at the rate of fifty cents a lesson of forty-five minutes is charged for courses in Music and Expression.

In Typewriting a fee of three dollars (\$3.00) a term is charged for the use of the machine.



# PRIZES, SCHOLARSHIPS AND SELF-HELP

**GOLD MEDAL.**—A gold medal is annually awarded to the student making the highest grade. All College students are eligible except winners of the medal in preceding years.

Awarded in 1908 to Miss Alice Denby.

**FACULTY PRIZE.**—A Faculty Prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 15th. Each essay must be typewritten, free from errors in grammar, spelling and diction, and from 1,200 to 2,000 words in length. All students may compete.

**PARKS SCHOLARSHIP.**—This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

**CORBIT SCHOLARSHIP.**—The recipient of this scholarship, founded by the late Joseph Corbit, of New York City, is chosen from year to year by the Faculty and is entitled to his tuition for the year.

**HIGH SCHOOL SCHOLARSHIP.**—To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to one graduate from each high school in Illinois, the course of study in which is equivalent to that required in Blackburn Academy. The conditions are that it shall be given to that graduate who ranks first or second, and shall be claimed within eighteen months after graduation from the high school.

**COLLEGE AND ACADEMY SCHOLARSHIPS.**—A limited number of scholarships, each covering the tuition, is available for students of high attainments and irreproachable character. These are awarded when a student enters the institution upon the basis of his attainments elsewhere and the recommendation of those who know him best. Such scholarships will also be awarded to students of the College and Academy upon the record made in the institution. Failure to maintain the required standing, or the incurring of College discipline, will lead to the revoking of such scholarship.

Only students in real financial need of such aid will be granted one of these scholarships.

**THE FITCH SCHOLARSHIP.**—A fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students from Bond County.

**THE CHICAGO HARVARD CLUB SCHOLARSHIP.**—At its annual meeting, December 14, 1897, The Harvard Club of Chicago established a scholarship at Harvard University of the annual value of three hundred dollars. This scholarship is open to the graduates of the universities and colleges of Illinois, who wish to pursue a course of study at the Graduate School of Harvard University. Applications must be made before May 1st in each year. Senior students about to finish their under-graduate course are eligible as candidates.

## Other Aids

**FROM THE BOARD OF EDUCATION.**—The Board of Education of the Presbyterian Church assists young men, studying for the Presbyterian ministry, to the amount of \$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry and must be members of one of the four college classes. Academic students may receive \$90.00 a year.

**EMPLOYMENT BY CITIZENS.**—A limited number of young men and women find homes with private families in the town, where they pay their board by work. Business houses afford occasional opportunities for employment.

## STUDENT ORGANIZATIONS

**YOUNG MEN'S CHRISTIAN ASSOCIATION.**—This association has been established for many years. Generally a large proportion of the young men are members. Meetings are held each Tuesday evening. A room on the first floor of University Hall is set apart for the association.

**YOUNG WOMEN'S CHRISTIAN ASSOCIATION.**—This organization, established in the winter of 1904-5, takes a prominent place in the life of the institution. Meetings are held every week. Under the direction of its officers the Bible is studied systematically.

**LITERARY SOCIETIES.**—Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory and parliamentary law is afforded.

1. The **OIOPARTHENIAN SOCIETY** is open to all young women in the institution. Their hall has been redecorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The **ORTHOPATETIC SOCIETY** for young men has a good hall in the Science Building. In connection is a reading room stocked with books and magazines.

3. The **PHILOMATHEAN SOCIETY** for young men occupies a neatly furnished and well lighted hall in the Science Building.

**BLACKBURN ORATORICAL ASSOCIATION.**—The **ORATORICAL ASSOCIATION** is a member of the Illinois Inter-Collegiate Oratorical Association, and is represented in the State contest held each November.

**THE BLACKBURNIAN.**—The college paper, *The Blackburnian*, established in 1881, is edited and conducted entirely by the students.

Its general tone is literary though various departments of college life are represented.

**BLACKBURN ATHLETIC ASSOCIATION.**—The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the college.

## REQUIREMENTS FOR ADMISSION

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismissal.

Students from academies and high schools, whose courses of study have been approved by the Faculty, are admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received is considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

### ENGLISH.

The requirements for admission to Freshman English are: (a) ability to read intelligently and appreciatively such literary English as the works named below; (b) familiarity with the subject matter, structure and the style of the works prescribed by the Committee on Uniform Entrance Requirements in English; (c) ability to write accurately and clearly upon subjects of human interest as well as upon the books presented for entrance.

List of books required for Uniform College Entrance Examinations in English for the years 1909-1911.

### READING AND PRACTICE.

Group I (two to be selected). Shakespeare's *As You Like It*, *Henry V.*, *Julius Caesar*, *Merchant of Venice*, *Twelfth Night*.

Group II (one to be selected). Bacon's *Essays*, Bunyan's *Pilgrim's Progress*, Part I; The *Sir Roger de Coverley Papers* in *The Spectator*, Franklin's *Autobiography*.

Group III (one to be selected). Chaucer's *Prologue*; Spenser's *Faerie Queene* (selections); Pope's *Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV (two to be selected). Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe* and *Quentin Durward*; Hawthorne's *The House of Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dicken's *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group V (Two to be selected). Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc* and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays (selected)*; Ruskin's *Sesame and Lilies*.

Group VI (two to be selected). Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury (First Series)*, Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incidents of the French Camp*, *The Boy and the Angel*, *One Word More*, *Herve Riel*, *Pheidippides*.

#### STUDY AND PRACTICE.

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

#### LATIN.

ELEMENTARY LATIN. *a.* 1. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences in general with particular regard to relative and conditional sentences, indirect discourse and the subjunctive.

2. Latin Composition: Translation into Latin of easy English sentences.



b. Caesar: Any four books of the *Gallic War*, preferably the first four, and selections from Sallust.

INTERMEDIATE LATIN. a. Cicero: Any six orations from the following list, preferably the first six: The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.

b. Ovid. Twenty-five hundred lines. Prosody. Mythology.

ADVANCED LATIN. a. Virgil: The first six books of the *Aeneid*, or the first five books and the *Eclogues*. Prosody. Mythology.

b. Advanced Composition. Translation into Latin of continuous passages based upon Caesar, Nepos, and Cicero. of Science need present only ELEMENTARY AND INTERMEDIATE LATIN.

### MATHEMATICS.

ARITHMETIC. Students, applying for admission to college, must have had such training in arithmetic as will enable them to carry the higher branches of mathematics with facility and precision.

ALGEBRA. Candidates for admission must have acquired a thorough knowledge, not only of the practice but also of the reasons involved in the elementary algebraic rules. They must be able to use readily the more important formulae.

PLANE AND SOLID GEOMETRY.—The propositions contained in the ordinary treatises on geometry.

### GREEK.

ELEMENTARY GREEK. The mastery of some first year book, as White's. Emphasis is laid upon the inflected forms, the verb, word formation and the simpler rules of syntax. Sight reading in easy prose.

SECOND YEAR GREEK. If two years of Greek are offered, Xenophon's *Anabasis* and Greek composition are required.

### FRENCH.

Thorough drill in the fundamental principles of the language. Grammar, easy reading, composition.



## GERMAN.

Mastery of the fundamental principles of the language. Grammar, easy reading and composition.

## HISTORY.

ANCIENT HISTORY. The civilization of Assyria, Babylonia, Persia, and Egypt, and the smaller kingdoms of Lydia, Syria, and Israel. Special attention to Greece and Rome.

ENGLISH AND AMERICAN HISTORY. In English History the general course of edvelopment; the names, order and houses of the different monarchs; the social and political movements with reference both to the Continent and to America. In American History the origin and development of the colonies, the conditions which led to federation and the growth and development of both the Federal and State governments.

## PHYSICS AND CHEMISTRY.

PHYSICS. The equivalent of Carhart & Chute's *Physics*, with from forty to fifty experiments.

CHEMISTRY. The non-metals and their principal combinations, the metals and their principal salts, chemical nomenclature and notation, with one hundred and fifty simple experiments. Students should submit their note books with reports of their work signed by the teacher. Candidates may be required to demonstrate their ability by laboratory tests.

## OTHER SCIENCES.

PHYSICAL GEOGRAPHY. The earth; the nature, temperature, pressure, circulation, and moisture of the atmosphere; the oceans; the lands and their topographical peculiarities; the forms and distribution of life.

PHYSIOLOGY, ZOOLOGY AND BOTANY. A year's work of five hours a week in any one of these subjects, or any two or in all, as outlined in the courses of Blackburn Academy in this catalogue, will be accepted as constituting one point for admission.

**ADMISSION TO THE FRESHMAN CLASS.** Students, to be admitted to the Freshman class without conditions, must present subjects aggregating fourteen points. A point means a year's work in some subject with five recitation periods a week. The subjects presented determine the course for which the student is matriculated.

### **Admission to Advanced Standing**

A student may be admitted to advanced standing from any approved institution of collegiate rank, on a certificate of honorable dismissal. He must present a detailed statement of his previous work and his standing therein, signed by the proper official. The amount of credit given will be determined by the Faculty.

A student may also receive credit toward his degree, provided that he present, when admitted to the Freshman class, subjects which are in excess of those required for admission and are prescribed in the course of study for the degree for which he matriculates. But credit will ordinarily be given only upon examination.

### **Admission of Special Students**

The various courses of study in both College and Academy are open to students who desire to take special courses. Such students are subject to the College regulations and must take at least fifteen hours a week of class work in the College or twenty hours in the Academy, unless satisfactory reasons for a lesser assignment are presented.

## REQUIREMENTS FOR DEGREES

The College confers three degrees, Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science, the first for the completion of the classical course, the second for the philosophical and the third for the scientific. No degree is conferred for less than one year's residence. Courses *in absentia* are not given except for the Master's degree.

### Requirements for the Degree of Master of Arts

The degree of Master of Arts may be obtained under the following conditions: The candidate must be a graduate of some recognized collegiate institution with the degree of Bachelor of Arts, of Philosophy, of Science or of Letters. He must, upon registering as a candidate, select a major and two minor subjects with the approval of the professors in whose departments the work is given. In addition, a thesis of from 5,000 to 10,000 words in length, giving evidence of the candidate's ability to handle sources, is required.

If the candidate be wholly in residence, inasmuch as the work required is equivalent to a year's work of fifteen hours a week, he may take the degree at the end of one year. If the candidate be partly, or wholly *in absentia*, he will need to confer, from time to time, with the professors in whose departments his subjects lie. Ordinarily such a candidate may take the degree at the end of two or three years. But, whether in residence, or *in absentia*, the candidate must pass such examinations at the end of his course as the professors in charge may deem advisable.

The degree of Doctor of Philosophy is not given.

# Courses of Instruction by Departments

## COLLEGE

### I. Agriculture

Courses in Agriculture have been given during the past year with satisfactory results. The department is not an experiment but a success.

**Agricultural Architecture and Sanitation.**—Location and construction of the home and farm buildings; the hygiene of the home, heating, lighting, ventilation, water supply and drainage. One hour a week, time to be arranged.

**Agricultural Economics.**—The purpose of this course is to discuss rural social problems in general. Advantages and disadvantages of farm life, improvement of conditions. Roads, schools, churches, transportation and farm labor. One hour a week, time to be arranged.

**Animal Husbandry.**—Elementary principles of animal nutrition. Value of different foods for affording materials for the construction of body tissue and animal products. Methods of breeding and feeding beef cattle for the open market; by-products of the feed lot and their bearing upon the cost of beef. Two hours a week. First term. May be taken with the course in horticulture.

**Farm Mechanics.**—Care and use of machinery. Plows, harrows, drills, cultivators, binders, rakes and spraying machines. Farm power machinery. Two hours a week. Third term. May be taken with course in soil physics.

**Horticulture.**—An introductory course dealing with the fundamental principles of fruit culture. Location and pruning of orchards, protection from insects and diseases. Materials and methods used in spraying. Recitations, lectures and visits to local orchards. Three hours a week. First term.

**Landscape Gardening.**—Lectures, reference readings, problems and plant studies with special reference to home surroundings. Illustrated lectures will be given with the stereopticon. One hour a week. Third term.

1. **Soil Fertility.**—Influence of fertility, natural or supplied, upon the yield of various crops. Effect of different crops upon the soil and upon succeeding crops. Rotations and the effect of different systems of farming upon the fertility and productive capacity of soils. Composition and value of fertilizers and manures. Value of legumes as green manures. The relation of limestone, legumes and raw rock phosphate to permanent systems of agriculture. Five hours a week. Second term.

2. **Soil Fertility.**—This course is designed to meet the needs of students desiring to do special work in the subject. Reference readings, study of state and government experiment station records. Open to students who have completed course I. Time to be arranged.

**Soil Physics.**—Effects of different methods of soil treatment upon moisture, texture, aeration, fertility, and productive capacity of the soil. Means of conserving moisture: capillarity, harrowing, rolling and cropping. Power of different soils to hold moisture. Relation of humus to temperature and water-holding capacity. Three hours a week. Third term.

## **II. Biblical History and Literature**

The work of this department covers three years and is required of all students. The purpose is that the student may learn the Bible practically, historically and broadly doctrinally. The courses include a usable analysis and history of the Bible itself, the purpose of its being written, the history contained within the Book, Biblical geography, the literary aspects and relations of the Book and its influence upon civilization. The Bible is the text-book, though other aids are used and lectures are given.

1. **Hebrew and Jewish History.** Wide reading in the historical books of the Old Testament; confirmation of the Bible by archeology. Two hours a week. Throughout the year.

2. **New Testament History and Literature.** The life of Christ and the epistles of Paul and the other Apostles. Contemporary history. Two hours a week. Throughout the year.

3. *a.* **Natural Theology.** The evidences of the existence of God. Three hours a week. First term.



3. *b.* Comparative Religion. A study and comparison of the leading faiths of the world and an estimate of their relative values. Three hours a week. Second term.

The last two courses with Ethics constitute the Natural Theology-Ethics course, required of all students in the Senior year.

### III. Biology

1. *a.* Invertebrate Zoology. Study of representatives of the principal invertebrate groups, especially the Arthropoda. Three hours a week. First term.

1. *b.* General Morphology and Classification of Spermatophytes. Three hours a week. Second term.

1. *c.* Classification and ecology of the dominant groups of spring plants. Three hours a week. Third term.

2. *a.* Classification and ecology of the dominant groups of fall plants. Three hours a week. First term.

2. *b.* Pollination; relations of flowers and insects; study of the principal groups of entomophilous flowers and the principal groups of anthophilous insects. Three hours a week. Second term.

2. *c.* The elucidation of floral mechanisms as applied to the vernal flora. Three hours a week. Third term.

3. *a.* Anatomical Technology, Human Osteology, and the Anatomy of the Cat. Three hours a week. First term.

3. *b.* Mammals. Their morphology and classification. Three hours a week. Second term.

3. *c.* Mammals. Their geological succession and geographical distribution. Three hours a week. Third term.

\*Courses 2 and 3 are offered in alternate years.

### IV. Chemistry

1. Elementary Inorganic Chemistry.—This course deals with the general elementary principles of the science. One recitation and two two-hour laboratory periods a week. Throughout the year.

2. Qualitative and Quantitative Analysis. This course consists of recitations and laboratory practice in the ordinary



processes of qualitative and quantitative analysis and the determination of unknown substances. One recitation and two two-hour laboratory periods a week. Throughout the year.

Prerequisite: Chemistry 1.

3. Organic Chemistry. The work of this course consists in the discussion of the more typical and simple organic compounds, followed by a brief consideration of the important derivatives of carbon. For agricultural and medical students. Elective for others. One recitation and two two-hour laboratory periods a week. Throughout the year.

Prerequisite: Chemistry 1 and 2.

## **V. English Language and Literature**

1. Rhetoric and Composition. Study of the elements and qualities of style and their practical application. Short daily or semi-weekly themes on assigned subjects. Criticism by the class. Study of specimens of prose, prescribed reading and reports. Three hours a week. First and second terms.

1-a. Elements of Literary Criticism. Analysis of the principal kinds of literature. Study of specimens of prose and poetry. Weekly themes. Three hours a week. Third term.

2. History of English Literature. A general survey of the History of English Literature from the earliest times to the present. Wide reading from selected masterpieces. Lectures, discussions, recitations, and written reports. Three hours a week. Throughout the year.

3. Shakespeare. Brief study of the development of the English Drama. Lectures on Shakespeare as a dramatist. Reading of all the plays. Reports and discussions. Three hours a week. Throughout the year.

4. The English Drama (exclusive of Shakespeare) from the Miracle Play to the present time. Three hours a week. Throughout the year.

5. Eighteenth Century Prose. Addison, Steele, Johnson, Swift, Goldsmith. Three hours a week. First and second terms.

5-a. Recent Essayists. Matthew Arnold, Ruskin, Walter

Pater, Robert Louis Stevenson. Three hours a week. Third term.

6. Nineteenth Century Poetry. The Romantic School. Tennyson, Browning, Rossetti, Clough. Three hours a week. First and second terms.

6-a. English Ballads. Reading of the old ballads. Modern imitations of the popular ballads. Three hours a week. Third term.

7. The English Novel. The development of the English novel to the middle of the nineteenth century. Lectures, prescribed reading and reports. Three hours a week. Throughout the year.

7-a. The Modern Short Story. Lectures, prescribed reading and reports. Three hours a week. One term Not offered in 1909-1910.

8. American Literature. A general survey of the history of American Literature from colonial times to the present day. Reading from the works of representative authors. Three hours a week. Throughout the year.

8-a. Argumentation. Lectures on the principles of Argumentation; analysis of specimens; practice in writing. Three hours a week. One term. Not offered in 1909-1910.

9. Greek and Latin Masterpieces in English. Reading in translation of classical epics and dramas. Three hours a week. Throughout the year.

## VI. Expression .

In order to enter the diploma course, at least the equivalent of a high school course should have been completed.

### COURSE OF STUDY.

#### FIRST YEAR.

Elocution, Voice Culture, Bodily Expression, Practical Reading. Pronunciation, Diction, Recitation and Criticism.

This course begins with the first novelist, Richardson, and includes a study of Fielding, Goldsmith, Scott, Dickens, Thackeray, Bulwer-Lytton and George Eliot.

## SECOND YEAR.

Principles of Expression and Analysis.

Oratory. Its History and Theory.

Interpretation of Literature and Criticism, including the study of Shakespeare or Dickens.

Aesthetic Physical Culture and Delsarte.

Philosophy of Expression.

Pupils are required to take part in public recitals during the year.

An extra fee is charged for this work.

## VII. French Language and Literature

A. Elementary French. Thorough drill in the fundamental principles of the French language. Grammar, easy reading, and composition. Three hours a week. First and second terms.

A-1. Reading and translation of such easy French classics as Musset's "Pierre et Camille;" Mairet's "La Tache du Petit Pierre;" Bruno's "Tour de la France par deux Enfants." Grammar and Composition work. Three hours a week. Third term.

1. Advanced French. Reading and translation of such French prose as Hugo's "La Chute"; Sand's "La Mare au Diable"; Halevy's "L' Abbe Constantin", etc., and the easier comedies of Dumas, Moliere, Corneille, Scribe, etc. Three hours a week. Throughout the year.

2-a. French Dramatic Literature. Comedies of Moliere and Corneille and tragedies of Racine and Hugo and others are read, supplemented with lectures upon the development of the French drama.

2-b. French Prose. Extended reading of the best prose classics. Three hours a week. Second Term.

2-c. French Poetry. Extended reading of the best French poetry. Two hours a week. Third Term.

3. History of French Literature. Text-book work, supplemented by lectures, reading, and written reports. One hour a week. Throughout the year.

4. Reading and study of the Comedies of Moliere. Two hours a week. Throughout the year.

5. Victor Hugo. Lectures on the Life and Works of Victor Hugo. Reading of all the novels. Two hours a week. Throughout the year.

## VIII. German Language and Literature

A. Elementary German. Identical with German A, in the Academy. Elective in either the Freshman or the Sophomore year for students who presented French for admission. Required of all other Freshmen and Sophomores (except candidates for the degree of Bachelor of Arts.)

1. Reading and Speaking Course. A year of preparatory German is presupposed. The purpose is to educate the ear, perfect the pronunciation, and acquire facility in reading German understandingly without translating. Three hours a week. Throughout the year.

2. The Drama of the Classical Period. The works of Lessing, Schiller and Goethe are read. Two dramas of each author. Lectures upon the lives of the authors and the literature of the period. Three hours a week. Throughout the year.

3. German Literature. History of German literature from the earliest times to the present. Three periods, each constituting the work of one term, viz: From the earliest times to Klopstock, from Klopstock to the death of Goethe, and from the death of Goethe to the present time. A German text-book on the subject treated is used. Three hours a week. Throughout the year.

4. Scientific German. Some scientific, historical, or philosophical work is read with the purpose of introducing the students to such literature. One hour a week. Throughout the year.

## IX. Greek Language and Literature

A. Elementary Greek. The first two terms are devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the verb and to word-formation. In the third term Xenophon's *Anabasis* is begun. Composition both written and oral throughout the year. Five hours a week. Open to those students who have not had Greek before entering college and who are candidates for the degree of Bachelor of Arts.

1. Xenophon. *Anabasis*, Book II-IV. Careful study of the text. Through drill in syntax, pronunciation, and word-formation. Reading at sight. Selections from the *Hellenica*. Three hours a week. Throughout the year. See Course 6.

2-a. Lysias. Selected orations. Thorough study of the text with lectures upon the development of oratory in Greece. Athenian law-courts. Three hours a week. First Term.

2-b. Plato. Apology and Crito. Study of the text with sight reading in Xenophon's Memorabilia. Informal lectures upon the life and teaching of Socrates. Three hours a week. Second Term.

2-c. Homer. Three books of the Iliad. Careful attention given epic forms and constructions, with lectures. Three hours a week. Third Term.

3-a. Homer. Four books of the Odyssey. Rapid reading of other portions of the Odyssey with lectures upon Greek life in the Epic Period. Three hours a week. First term.

3-b. Demosthenes. Philippics and Olynthiacs. Study of the text with lectures upon the Attic orators and the historical situation. Three hours a week. Second Term.

3-c. Sophocles. Antigone. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Third Term.

4-a. Aristophanes. One play studied carefully in the text, with rapid reading of other plays in translation; development of the comic drama. Three hours a week. First Term.

4-b. Lyric Poets. Selections from Sappho, Alcaeus, Simonides, Pindar and other lyric poets. Lectures upon the rise and development of poetry in Greece. Three hours a week. Second Term.

4-c. Plato. Republic. Study of the text with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Three hours a week. Third Term.

5. Greek Life. Lectures and text-book work upon the private life of the Greeks. Child-life, education, amusements, marriage and the position of the citizen in the state are treated. One hour bi-weekly throughout the year.

6. Greek Composition. Thorough drill in writing connected discourse in Greek together with occasional oral work. One hour a week. Throughout the year.

7. Greek Composition. Advanced work in writing connected discourse in Greek. One hour a week. Throughout the year.



8. New Testament Greek. Selections from the Pauline Epistles, Acts of the Apostles, and the Gospels read with a view to the mastery of Hellenistic Greek.. Two hours a week. Throughout the year.

## X. History

1-a. Greece and Rome. From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First Term.

1-b-c. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Second and Third Terms.

2-a. American History to 1787. Colonial and local government; inter-colonial wars; slavery; the Revolution. Text-book, collateral reading in the sources and especially the texts of documents. Three hours a week. First Term.

2-b-c. Political and Constitutional History of the United States since 1787. The organization of the national government and its administrative development; slavery; extension of territory; the bank controversy; the Civil War; the period of reconstruction; present day questions. Text-book, lectures, collateral reading in original documents and authoritative sources. Three hours a week. Second and Third Terms.

3. English Constitutional History. Text-book, collateral reading in the sources. Two hours a week. Throughout the year.

4. History of France. The important epochs in the development of the French people are treated by text-book and lectures. Important events in Italian, Spanish, and Portuguese history also receive attention. Collateral reading. Two hours a week. First Term.

4-b-c. History of Germany. The important epochs in the development of the German people, together with the leading events of Sweden, Denmark, and Holland, especially as these latter bear upon European history in general, are treated by text-book and lectures. Collateral reading. Two hours a week. Second and Third Terms.



## XI. Latin Language and Literature

1-a. Livy. Selections from Books I, XXI, XXII. Careful reading of the text with lectures upon early Roman history. Three hours a week. First Term.

1-b. Cicero. Selections from his letters. Lectures upon the last period of the Republic with the definite aim to grasp firmly its revolutionary character. Three hours a week. Second Term.

1-c. Tacitus. Germania and Agricola. Lectures upon the period in which Tacitus lived, together with a discussion of the conditions in Germany and Britain. Three hours a week. Third Term.

2-a. Horace. Odes and Epodes. Lectures upon the life of Horace with a discussion of the chief characteristics of his lyrical works. Three hours a week. First Term.

2-b. Catullus, Tibullus, and Propertius. Careful reading of selected poems with discussion of form and poetical value. Three hours a week. Second Term.

2-c. Horace. Satires and Epistles. Careful reading of selections; comparison with Lucilius, Greek comic writers and modern satirists. Three hours a week. Third Term.

3-a. Origin of Latin Poetry and Development of the Drama. Readings from Plautus and Terence. Three hours a week. First Term.

3-b. Cicero. Brutus, with readings from Quintillian. Lectures upon the prose of the early period of the Republic. Three hours a week. Second Term.

3-c. Tacitus. Reading from the Annals with lectures upon the prose of the Silver Age. Three hours a week. Third Term.

4-a. Pliny. Selections from his Epistles. Lectures upon the period. Two hours a week. First Term.

4-b. Juvenal and Martial. Selections with lectures upon the development of satire from Horace to Juvenal. Two hours a week. Second Term.

4-c. Cicero. Virgil. Special elective for teachers of Latin. Two hours a week. Third Term.

5. Roman Life. Lecture and text-book work upon the private life of the Romans. The Roman child is considered in the

home, at play, at school—and when he has taken his place in the state. One hour, bi-weekly. Throughout the year.

6. Latin Composition. Thorough drill in writing connected Latin discourse with occasional oral work. One hour a week. Throughout the year.

7-a. Cicero. *De Senectute* and *De Amicitia*. Three hours a week. First Term.

7-b-c. Terence. Selected plays. Three hours a week. Second and Third Terms.

## XII. Mathematics and Astronomy

### A. MATHEMATICS.

1-a. College Algebra. A brief review of the theory of exponents, surds, and imaginary quantities, followed by advanced work in simultaneous quadratic equations, progressions, series, and kindred subjects. Five hours a week. Half Year.

1-b. Trigonometry and Surveying. The development of the trigonometric functions and formulae, and their application to the solution of problems in geometry; right and oblique triangles, etc. Five hours a week. Half Year.

2-a. Analytical Geometry. The study of the Cartesian and polar systems. The point, line, conics, higher plane curves, and the elements of three-dimensional geometry. Three hours a week. First Term.

2-b-c. Differential Calculus. Differential formulae, application of differentiation to the expansion of functions, evolution of indeterminates, evolutes and involutes, maxima and minima. Three hours a week. Second and Third Terms.

3-a-b. Differential and Integral Calculus. The work in differential calculus completed. In integral calculus, the integration of rational fractions, indefinite integrals and the application of integration to areas, surfaces, volumes, and length of curves, and to the solution of problems. Three hours a week. First and Second Terms.

3-c. Partial Differential Equations. With applications to geometry and physics. Three hours a week. Third Term.

4. Mechanics. A study of the principles of rational mechanics, covering a careful investigation of the formulae

concerning the work, energy, friction, momentum, equilibrium, of forces and center of gravity of bodies; the strength of bars and beams; the path of a projectile; hydrostatics and hydrodynamics; pressure and expansion of gases. Three hours a week. Throughout the year.

5. Determinants and Theory of Equations. Two hours a week. Throughout the year.

6. History of Mathematics; a review of academic and collegiate mathematics; readings from various authors on the methods, teaching and philosophy of mathematics. Two hours a week. Throughout the year.

#### B. ASTRONOMY.

1. Astronomy. Descriptive, mathematical, and historical astronomy. Three hours a week. First and Second Terms.

2. Spherical and Practical Astronomy. Three hours a week. Third Term.

### XIII. Mineralogy and Geology

1-a. Mineralogy. Morphology, chemical and physical properties of crystals; rock-forming minerals and rock as mineral aggregates. Origin, character, classification and distribution of minerals. Three hours a week. First Term.

1-b-c. Geology, Cosmical, dynamical, structural, historical, physiographic, and economic geology. Paleontology. Three hours a week. Second and Third Terms.

### XIV. Philosophy

1-a. Logic. Thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention. Three hours a week. First Term.

1-b-c. Psychology. This subject is treated with constant reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second and Third Terms.

2. Ethics. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Three hours a week. Third Term.

3. History of Philosophy. A development of philosophical thought from its beginnings in Greece down to modern times. Special attention is given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the middle ages are dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him are considered at length. The work is not merely analytical but also constructive. Lectures, collateral reading, essays. Three hours a week. Throughout the year.

4-a. German Philosophy. A careful study of Kant's Critique of the Pure Reason, together with supplementary reading in his other works and lectures upon Fichte, Schelling, Hegel and Schopenhauer. Three hours a week. First Term.

4-b. British Philosophy. The development of British thought from Bacon to Spenser. Special attention given to Locke, Berkeley, and Hume. Lectures, readings in the sources, essays. Three hours a week. Second Term.

4-c. Metaphysics. The fundamental concepts of reality viewed in the light of their history and evaluated in modern thought. The distinct effort is made to get the students to grasp fundamental problems for themselves and to solve them as best they may. Three hours a week. Third Term.

## XV. Physics

1. General Physics. The aim in this course is to give the students a fuller and more exact knowledge of the general facts and principles of physics and an understanding of the illustrations of the subject as seen in the experiences and phenomena of daily life. Attention also is directed to the various industrial applications of physical laws. Three hours a week. Throughout the year.

Pre-requisite, Elementary Physics, solid geometry, plane trigonometry.

2. Advanced Physics. Special branches of physics will be treated in greater detail than in Course 1. Frequent ap-

plications are made of analytical geometry and differential calculus and such amount of mathematical training is expected of the students taking this course. The subject chosen will vary from year to year and will include mechanics, optics, electricity, and magnetism. Three hours a week. Throughout the year.

Prerequisite: Physics 1.

## **XVI. Social and Political Economy**

1-a. Sociology. Brief survey of social evolution and the structure of society. Special attention is given to present social problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First Term.

1-b-c. Economics. Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention given to money, banking, wages, and taxation. Three hours a week. Second and Third Terms.

2-a. American Government. This course aims to present in clear outline the national, state, and municipal governments within the United States. Text-books, lectures, and collateral reading. Three hours a week. First Term.

2-b. Practical Economics. The aim of this course is to study in detail, such subjects as money and banking, public finance—both national and local,—the labor movement, industrial corporations, and insurance. Lectures, collateral reading, discussions and reports. Three hours a week. Second Term.

2-c. International Law. A study of the fundamental principles governing the relations of nations, both in peace and in war. Diplomacy. Lectures, discussions, reports upon special problems. Three hours a week. Third Term.

3. Social Problems. A study of some of the most prominent problems of the present day. Three hours a week. One Term.



## **XVII. Special Courses for Business Training**

Bookkeeping. Single and double entry; constant use of all the usual and special blanks required in ordinary business; frequent trial balances and statements; actual business practice. Each student works independently and progress is rapid or slow according to the ability and application of the student.

Stenography. The Graham-Pitman system of shorthand is used.

Commercial Law. The essentials of commercial principles as enforced by law.

Commercial Arithmetic. English and other subjects are taken with the regular Academy and College classes.



## Outline of College Courses

(The number following the name of a course refers to its number under its department. The figure in parenthesis gives the number of recitation periods a week.)

## CLASSICAL

## PHILOSOPHICAL

## SCIENTIFIC

## FRESHMAN

English 1 .....(3)	English 1 .....(3)	English 1 .....(3)
Mathematics 1 .(5)	Mathematics 1 .(5)	Mathematics 1 .(5)
Latin 1 .....(3)	Latin 1 .....(3)	Biology 1 .....(3)
Greek 1 & 7(*A) (4)	German 1 .....(4)	German 1 .....(4)
Chemistry 1 ... (3)	Chemistry 1 ... (3)	Chemistry 1 ... (3)

Eighteen hours required in the Freshman year.

\*Freshman from accredited schools may take Greek A five times a week. Four hours college credit is given.

## SOPHOMORE

English 2 .....(3)	English 2 .....(3)	English 2 .....(3)
Biology 1 .....(3)	Biology 1 .....(3)	Biology 2 .....(3)
Euro. Hist. 1 ..(3)	Euro. Hist. 1 ..(3)	Euro. Hist. 1 ..(3)
Bib. Lit. 1 ....(2)	Bib. Lit. 1 ....(2)	Bib. Lit. 1 ....(2)
Greek 2 (or 1&7)(3)	German 2 .....(3)	Mathematics 2 .(3)

## SOPHOMORE ELECTIVES

Latin 2 .....(3)	Latin 2 .....(3)	German 2 .....(3)
*French or	*French A .....(3)	*French A .....(3)
German A .(3)	Mathematics 2 .(3)	Agriculture 1 ..(3)
Mathematics 2 .(3)	Adv. Chem. 2 .(3)	Adv. Chem. 2 .(3)
Adv. Chem. 2 .(3)		

Fourteen hours required in the Sophomore year and three to be elected.

\*If elementary German or French is taken with Academy students five times a week it counts only three as a college credit.

## Outline of College Courses—Continued

### JUNIOR

Political Sci. 2. (3)	Political Sci. 2. (3)	Political Sci. 2. (3)
Philosophy 1 .. (3)	Philosophy 1 .. (3)	Philosophy 1 .. (3)
English 3 ..... (3)	English 3 ..... (3)	Physics 1 ..... (3)
Greek 3 (or 2) (3)	*Mod. Lang. ... (3)	*Mod. Lang. ... (3)
Bib. Lit. 2 .... (2)	Bib. Lit. 2 .... (2)	Bib. Lit. 2 .... (2)

### JUNIOR ELECTIVE

Mod. Lang. .... (3)	Mod. Lang. .... (3)	Mod. Lang. .... (3)
Biology 2 ..... (3)	Biology 2 ..... (3)	Biology 3 ..... (3)
Math. 2 or 3 .. (3)	Math. 2 or 3 .. (3)	Agriculture 2 .. (3)
Latin 3 ..... (3)	Latin 3 ..... (3)	English 3 ..... (3)
		Mathematics 3 . (3)

\*French if three years German have been taken.

Fourteen hours required in the Junior year and three additional to be elected.

### SENIOR

Social Sci. 1 .. (3)	Social Sci. 1 .. (3)	Social Sci. 1 .. (3)
Philosophy 3 .. (3)	Philosophy 3 .. (3)	Philosophy 3 .. (3)
Astron-Geo. .... (4)	Astron-Geo. .... (4)	Astron-Geo. .... (4)
Nat. Theol.-Eth. (3)	Nat. Theol.-Eth. (3)	Nat. Theol.-Eth. (3)

### SENIOR ELECTIVE

English 4 ..... (3)	English 4 ..... (3)	English 4 ..... (3)
Modern Lang. .. (3)	Modern Lang. .. (3)	Modern Lang. .. (3)
Adv. Hist. .... (3)	Adv. Hist. .... (3)	Adv. Hist. .... (3)
Math. 3 or 4 .... (3)	Math. 3 or 4 .... (3)	Mathematics 4 . (3)
*Greek 3 ..... (3)		

Thirteen hours required in the Senior year and three additional to be elected.

\*Required of classical students who begin Greek in the Freshman year.

# The Academy

The work of the Academy prepares students to enter Blackburn College or any similar institution of higher learning. The instruction is thorough, given by the regular professors of Blackburn College.

Three courses are offered, so planned as to enable students to matriculate in the College for the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of Science, at the earliest time possible.

Students are permitted to enter any class for which they are prepared, and are classified in the catalogue according to the major part of their work. Those not in regular standing in any class are urged to make up the deficiency as early as possible.

Diplomas are granted only to those who have completed sufficient work to enable them to matriculate in Blackburn College for one of the above degrees. No diploma is granted to any student for less than a year's resident work.

Students who, at the end of their senior year in the Academy, have finished all but one or two subjects, will be granted diplomas when the work is complete. This will ordinarily be one year later.

## I. BIBLE.

A. Bible Study. Introduction to some of the simple, but important facts and truths of the Bible. Reading both in private and in the classroom of selected portions of both the Old and New Testaments. One hour a week. Throughout the year. Required of all students in the second and third years.

B. Bible Study. Work similar to Course A, but different parts of the Bible selected. One hour a week. Throughout the year. Required of all students in the second and third years. This course alternates with Course A.

## II. ENGLISH.

The work in this department aims to familiarize students with the best English and American literature. Thorough drill is given in the foundations of the English language.

A. Advanced Grammar. Composition and Rhetoric. Study

of the short story. Readings from selected English and American authors. Five hours a week. Throughout the first year.

B. Composition and Rhetoric. History of American literature with readings from selected American authors. Five hours a week. Throughout the second year.

C. Theme Work. History of English literature. Reading both in private and in the class of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. (See English requirements for admission to the Freshman class.) Daily dictations. Five hours a week. Throughout the third year.

### III. FRENCH.

A. Elementary French. The same as French A in the College. Five hours a week. Throughout the fourth year.

### IV. GERMAN.

A. Elementary German. The natural method is used, and the class work is some times conducted entirely in German. *Worman's First German Book*, or a similar work is followed. Daily dictations. Five hours a week. Throughout the fourth year.

### V. GREEK.

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course, that is, have studied both Latin and Greek, have generally surpassed, in vigor of thought and finish of style, their fellows who have neglected one or both of the classics. This department while not requiring the time devoted to Latin, is regarded as of equal value, and students are urged to take the course.

A. Elementary Greek. The same as Greek A in the College. Five hours a week. Throughout the fourth year. Required of all students intending to take the degree of Bachelor of Arts.

### VI. HISTORY.

This department aims not to cram students with unrelated

facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the human race.

A. Ancient History. History of nations to the beginnings of Modern history. Text-book and supplementary readings in larger works. Five hours a week. First or third year.

B. English History. From the earliest times to the present. Text-book with parallel readings in larger works. Five hours a week. First or third year.

C. American History. From the discovery of North America to 1909. Text-book and recitations. Readings from source-books. Five hours a week. First or third year.

## VII. LATIN.

This department gives thorough preparation for College Latin, offering full courses in Latin Grammar, Composition, and Translation. Emphasis is laid upon correct, idiomatic English translation, and, in Virgil, upon fluency also. Special attention is paid to the Latin derivatives in common use in the English language.

A-1-2. Beginning Latin. A thorough study of Collar and Daniell's First Year Latin, or its equivalent. Special attention is given to pronunciation, inflection and the fundamental forms of Latin Grammar. Composition, both oral and written, and drill in accurate translations. Five hours a week. First and second terms. First year.

A-3. Via Latina. Collar's Via Latin or equivalent is read and carefully studied. Special attention is given to the application of Grammar. Composition and drill in idioms preparatory to Caesar. Five hours a week. Third term. First year.

B-1-2. Caesar's Gallic War, Bks. I-IV. A reading course covering the first four books of Caesar's Gallic War. Composition based on text gives a thorough and systematic review of Latin Grammar. Five hours a week. First and second terms. Second year.

B-3. Sallust's Catiline. Study of the conspiracy of Catiline and contemporary Roman history. Five hours a week. Third term. Second year.

C-1-2. Cicero. The four orations against Catiline, Archias,



and the Manilian Law. Greater ease in translation and a more thorough comprehension of the author's thought. Composition based on text. Five hours a week. First and second terms. Third year.

C-3. I. Ovid. Selections from Ovid with drill in scansion, study of Latin Prosody, preparatory to Virgil. Five hours a week. Third term. Third year.

D. Virgil. Bks. I-VI, of the Aeneid are carefully read, portions scanned and rendered into metrical English. A systematic and thorough review of Latin Grammar; Latin Composition. Five hours a week. Throughout the fourth year.

### VIII. MATHEMATICS.

A-1-2. Arithmetic. Careful attention given to the four rules, decimals, factoring, fractions, proportion, percentage, and roots. The instruction is adapted to the previous preparation and present aims of the students. It is designed to be especially helpful to those who expect to teach. Five hours a week. First and second terms. Second year.

A-3. Algebra. For beginners. Students after two terms of arithmetic are ready to begin algebra. Five hours a week. Third term. Second year.

B. Algebra. Thorough drill in factoring, least common multiple, fractions, radicals, roots, theory of exponents, and equations as far as quadratics. Five hours a week. Third year.

C. Plane and Solid Geometry. The usual theorems are required, with special emphasis upon original exercises. Five hours a week. Third year.

### IX. SCIENCE.

A. Geography, General and Physical. This course is designed as a special preparation for the study of history. Text-book, maps, globes. Five hours a week. First year.

B-1. Elementary Zoology. An introduction to the study of animal life. Text-book, recitations, and laboratory practice. Five hours a week. First term. Second year.

B-2. Physiology. A study of the human body, its constructions, functions and needs. Text-book and recitations. Five hours a week. Second term. Second year.



B-3. Elementary Botany. An introduction to the study of plant-life. Text-book, recitations, and laboratory practice. Five hours a week. Third term. Second year.

C-1. Elementary Physics. An introduction to the subject. Recitations, solution of problems, lectures. Many experiments illustrating the text are tried by the class or performed by the professor. Five hours a week. First half of fourth year.

C-2. Elementary Chemistry. An introduction to chemical theory and terminology. Recitations, experiments, lectures. Five hours a week. Second half of fourth year.

### OUTLINE OF ACADEMY COURSES.

(Letters following the name of a course indicate its position in its department. All subjects are five hours a week except Bible, one hour a week).

1st Year.	2nd Year.	3rd Year.	4th Year.
Latin A.	Latin B.	Latin C.	*Latin D.
English A.	English B.	English C.	Greek A or
Hist. A or B.	Science B.	Hist. B or C.	Mod. Lan. A.
Science A.	Math. A.	Math. B.	Science C.
Bible A.		Bible B.	Math. C.

\* Scientific students may substitute a modern language, although strongly advised to take fourth year Latin.

# Music

## Piano Course

### FIRST GRADE.

- Studies..... { Standard Grade Course—W. S. B. Matthews.  
Wieck.  
Scales.
- Compositions { Exercises in writing notes and transposition.  
Kleinmichel: Clavier Spielen, (4 hands), 1st book.  
Gurlitt: op. 18, (4 hands); Low, Dennee, Sartorio,  
(4 hands).

### SECOND GRADE.

- Studies..... { Duvernoy; op. 120-3 books.  
Scales and Arpeggios.  
Czerny.  
Minor Scales.  
Schmoll: Execution, Phrasing, Expression.
- Compositions { Clementi, Kuhlan, Lange, and Burgmuller.  
Concone, Sartorio, Heins, Lichner, Dennee.

### THIRD GRADE.

- Studies..... { Bach: Twelve Little Preludes.  
Heller: Opus 47, 46, 45.  
Mason's Touch and Technique.  
Loeschorn: op. 66, 3 books.  
Minor Scales.
- Compositions { Selections from Schubert, Weber, Mozart, Beeth-  
oven, (4 hands).  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.

## FOURTH GRADE.

Studies..... { Bach: Two Part Inventions.  
 { Czerny: op. 740.  
 { Taussig: Daily Studies.  
 { Jensen: Characteristic Studies, op. 32.

Compositions { Schubert: Marche, (4 hands).  
 { Grieg, Henselt, Chopin, Chaminade.  
 { Schubert, Rubenstein, Leschetizky.  
 { Moskowsky, Handel.

## FIFTH GRADE.

Studies..... { Bach: French Suites.  
 { Anglaises.  
 { Bach: Suites Anglaises.  
 { Heller: Art of Phrasing, op. 6.  
 { Clementi: Gradus ad Parnassum.  
 { Kullak: Octave Studies.  
 { Moschelle: op. 70.

Compositions { Beethoven, Schubert, Schuman.  
 { MacDowell, Chopin.  
 { Moskowsky, Meyer-Helmund.  
 { William Mason.

## SIXTH GRADE.

Studies..... { Chopin: ....op. 25.  
 { Bach, Vogrich.

Compositions { Brahms, Heller, Wagner.  
 { Liszt, Chopin, Schuman.  
 { Steiner's Harmony.  
 { Filmore's History of Music.

## Vocal Course

### FIRST GRADE.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger, and Concone.

### SECOND GRADE.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

### THIRD GRADE.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies in Sieber, Marchesi, Lamperti. More difficult songs. Church music.

### FOURTH GRADE.

More advanced studies for equalizing the voice in all registers, broadening the technique, and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

Pupils' recitals are held on the third Saturday of each month.

## ART.

First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water-color painting (monochrome) from still-life. Perspective.

Second year. Drawing from casts, drapery and groups of objects in charcoal and crayon. Pen and ink drawing. Painting from still-life in oil and water color. Perspective. Artistic Anatomy.

Third year. More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water-color and pastel. Art History.

Fourth year. Original studies in oil and water-color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

A special course in china painting is given. The firing is done in the studio.

# Register of Students

## Seniors—Class of 1909.

Thomas Kelly Rinaker.....	Carlinville
Victor Blaine Robison.....	Carlinville
Stella Theresa Surman.....	Carlinville

## Juniors—Class of 1910.

Loura Belva Herrick.....	Carlinville
Wilkin Ayers Keplinger.....	Carlinville
Fred Lee Wilson.....	Carlinville

## Sophomores—Class of 1911.

Mae Boyd .....	Carlinville
Flora Alice Denby .....	Carlinville
Lee Transou Goff.....	Carlinville
Harold Caldwell Kessinger.....	Litchfield
John Patrick Madden.....	Medora
Rebecca Jane Sacre .....	Carlinville
Elwood M. S. Steward.....	Carlinville
Frances Beatrice Tolan .....	Girard
Edward Valentine Young.....	Carlinville

## Freshmen—Class of 1912.

William Francis Brewer.....	Carlinville
Helen Collins .....	Carlinville
Harry Long Deck.....	Girard
Moses E. Eldred.....	Carlinville
Gladys Isabelle Gore.....	Carlinville
Nellie Louise Keplinger.....	Carlinville
Adele Marie Loehr.....	Carlinville
Bertha Otwell .....	Carlinville
Mildred Elizabeth Rowe.....	Carlinville
Evan Lemuel Searcy.....	Carlinville
Genevieve Anne Westermeyer.....	Carlinville

## Academy

### Fourth Year—Class of 1909.

Jamie Clifford Donahue.....	Plainview
Mary Elizabeth Edmiston .....	Hettick
Clarence Malone Edwards.....	Brighton
Lois Lynn Goff.....	Carlinville
Edith Eunice Hobson.....	Hettick
Adelaide Hounsley .....	Carlinville
William Mayfield Hulse.....	Carlinville
Richard Lee Kortkamp.....	Hillsboro

### Third Year—Class of 1910.

Irvin Winfield Kessler .....	Waggoner
Clarence Dewey Whitler.....	Nilwood
Elizabeth Whitler .....	Nilwood

### First and Second Years—Classes of 1911-1912.

Maurice Bauer .....	Hagaman
D. Halton Brown.....	Bunker Hill
Arthur Clark Goff.....	Staunton
Walter Leslie Hounsley.....	Carlinville
Edward Oliver Riggsbey .....	Chesterfield
Helen Tieman .....	Macoupin
John Leslie Williamson.....	New Douglas

### Special and Business Students.

Lelia Bartels .....	Carlinville
Loretta Bauer .....	Hagaman
James Bellmer .....	Carlinville
Walter Buehrig .....	Carlinville
Homer Boatman .....	Carlinville
Nell Bullard .....	Lowder
Willis Bray .....	Waggoner
Carl Brown .....	Carlinville
Clyde Cole .....	Nilwood
C. F. Conlee.....	Nilwood
Earl Fanning .....	Carlinville



William Homer .....	Carllinville
Jesse Kessinger .....	Carllinville
Hubert W. Keupper .....	Gillespie
Homer Madison .....	Carllinville
Glen Masters .....	Carllinville
Nanna McEvoy .....	Gillespie
Charles Morrell .....	Litchfield
Edward O'Neil .....	Carllinville
Rudolph Raab .....	Carllinville
William Raab .....	Carllinville
Walter J. Reinecke .....	Carllinville
William Searcy .....	Carllinville
Florence Schoper .....	Carllinville
William Surman .....	Carllinville
Harry Tecklenberg .....	Carllinville
Walter Whippo .....	Carllinville
Ernest Whitler .....	Nilwood
Thomas Wilson .....	Piasa

## Music Department

Estelle Adams .....	Carllinville
Mary Van Anderson .....	Carllinville
Mildred Boatman .....	Carllinville
Bessie Brewer .....	Carllinville
Nellie Bullard .....	Lowder
Amelia Burgdorff .....	Carllinville
Gertrude Burke .....	Carllinville
Kathleen Burke .....	Carllinville
Lillian Burke .....	Carllinville
Mabel Cooper .....	Nilwood
Mrs. Deffenbaugh .....	Carllinville
Ruby Dickerson .....	Carllinville
Carrie Dressing .....	Girard
Fay Fanning .....	Carllinville
Elizabeth Fitzgerald .....	Gillespie
Mary Flori .....	Carllinville
Lieda Gillman .....	Carllinville
Elizabeth Harkins .....	Carllinville

Lillian Harrison .....	Carlinville
Beatrice Hartley .....	Carlinville
Jean Hoblit .....	Carlinville
Norma Hoblit .....	Carlinville
Edith Hobson .....	Carlinville
Helen Homer .....	Carlinville
Adelaide Hounsley .....	Carlinville
Opal Hulse .....	Carlinville
Mrs. Clara Johnson.....	Carlinville
Emily Jordan .....	Carlinville
Judith Jordan .....	Carlinville
Lorine Klauss .....	Carlinville
Howard Knotts .....	Carlinville
Adele Loehr .....	Carlinville
Clara Logus .....	Carlinville
Grace Madden .....	Carlinville
Anna Madden .....	Carlinville
Helen Madden .....	Carlinville
Hugo Mason .....	Carlinville
Harriet McClure .....	Carlinville
Ira McCullom .....	Carlinville
Emma Meyer .....	Carlinville
Alma Mueller .....	Carlinville
Louise Mueller .....	Carlinville
Ruth Murphy .....	Nilwood
Florence Owen .....	Carlinville
Anna May Patchen .....	Carlinville
Mrs. Jesse Peebles .....	Carlinville
Martha Ellen Peebles .....	Carlinville
Don Peebles .....	Carlinville
Carter Peebles .....	Carlinville
Leah Phares .....	Carlinville
Gertrude Raab .....	Carlinville
Mary Robison .....	Carlinville
Margaret Ross .....	Carlinville
Mildred Ross .....	Carlinville
Rebecca Jane Sacre .....	Carlinville
Pearl Schoper .....	Carlinville
Helen Searcy .....	Carlinville

Nora Seehausen .....	Carlinville
Flora Steinmeyer .....	Carlinville
Norma Steinmeyer .....	Carlinville
Marion Turnbull .....	Carlinville
Robert Turnbull .....	Carlinville
Cornelia Weiss .....	Carlinville
William Weiss .....	Carlinville
Genevieve Westermeier .....	Carlinville
Loretta Westermeier .....	Carlinville
Oren York .....	Carlinville
Anita Young .....	Carlinville
Norman Wooters .....	Carlinville

## Vocal

Iva Alderson .....	Virden
Amy Jane Ball .....	Farmersville
Nellie Boswell .....	Shipman
Mr. Bovee .....	Carlinville
Mrs. Bovee .....	Carlinville
Vivian Bovee .....	Carlinville
Mae Boyd .....	Carlinville
Amelia Burgdorff .....	Carlinville
Leta Burnett .....	Girard
Dwight Burton .....	Girard
Frank M. Byers .....	Carlinville
Blanche Cole .....	Carlinville
Helen Collins .....	Carlinville
Mrs. F. H. Colver .....	Carlinville
Mabel Cooper .....	Nilwood
Bertha Crane .....	Girard
Marguerite Davenport .....	Carlinville
Harriet Deadrick .....	Carlinville
Sarah Deadrick .....	Carlinville
Annella Denby .....	Carlinville
Edward Denby .....	Carlinville
Rexeford Fenton .....	Carlinville
Miss French .....	Girard
Edith Garst .....	Girard
Henry Gibson .....	Girard
Mrs. Henry Gibson .....	Girard
Lee Goff .....	Carlinville

Lois Goff .....	Carlinville
Gladys Gore .....	Carlinville
Gertrude Gottschall .....	Carlinville
Florence Head .....	Carlinville
Miss Herman .....	Girard
Artemese Howland .....	Girard
Jessie Kieth .....	Girard
George McClure .....	Green Ridge
Roxye McGhee .....	Girard
Anna May Patchen.....	Carlinville
J. H. Riffey.....	Girard
Irene Robbins .....	Girard
Mae Routzhan .....	Girard
Mildred Rowe .....	Carlinville
Mrs. J. B. Searcy.....	Carlinville
William Searcy .....	Carlinville
Beatrice Smith .....	Carlinville
Mrs. Thomas Stutzman .....	Girard
Thomas Stutzman .....	Girard
Mrs. Harry Tietzort .....	Girard
Nona Tietzort ....	Girard
Elmer Vanniman .....	Virdeen
Harold Wilson .....	Oquawka
Fred Wilson .....	Carlinville
Mrs. C. T. Woodward.....	Carlinville
Geraldine Woodward .....	Carlinville
Leland Wooters .....	Carlinville

### Expression Department

Loretta Bauer .....	Hagaman
Catherine Daley .....	Carlinville
Flora Alice Denby .....	Carlinville
Lucile Flanagan .....	Reader
Hazel Lucile Gore .....	Carlinville
Lucile Fernandes .....	Carlinville
Loura Belva Herrick .....	Carlinville
W. Ayers Keplinger .....	Carlinville
Harold Caldwell Kessinger .....	Litchfield

Richard Lee Kortkamp .....	Hillsboro
Leah D. Phares .....	Carlinville
Theresa Marie Renner .....	Carlinville
Evan Lemuel Searcy .....	Carlinville
Elwood M. S. Steward .....	Carlinville
Helen Tieman .....	Macoupin
Frances Beatrice Tolan .....	Girard
Florence Esther Westermeier .....	Carlinville
Ernest I. Whitler .....	Nilwood
Leslie Williamson .....	New Douglas
Edward Valentine Young .....	Carlinville

### Art Department

Wayland Alexander .....	Carlinville
Mae Boyd .....	Carlinville
Helen Collins .....	Carlinville
Mrs. E. C. Cookson .....	Carlinville
Mrs. F. H. Colver .....	Carlinville
Raymond Colver .....	Carlinville
Eldred Cress .....	Carlinville
Mrs. E. A. Ibbetson .....	Carlinville
Mae Audrey Krinard .....	Upper Alton
Jennie Loveless .....	Carlinville
Bertha Otwell .....	Carlinville
Mrs. C. M. Otwell .....	Carlinville
Janet Rinaker .....	Carlinville
Wendal Ross .....	Carlinville
Glenn Utt .....	Carlinville
Mrs. John Westermeier .....	Carlinville
Loretta Westermeier .....	Carlinville

## Summary

### COLLEGE

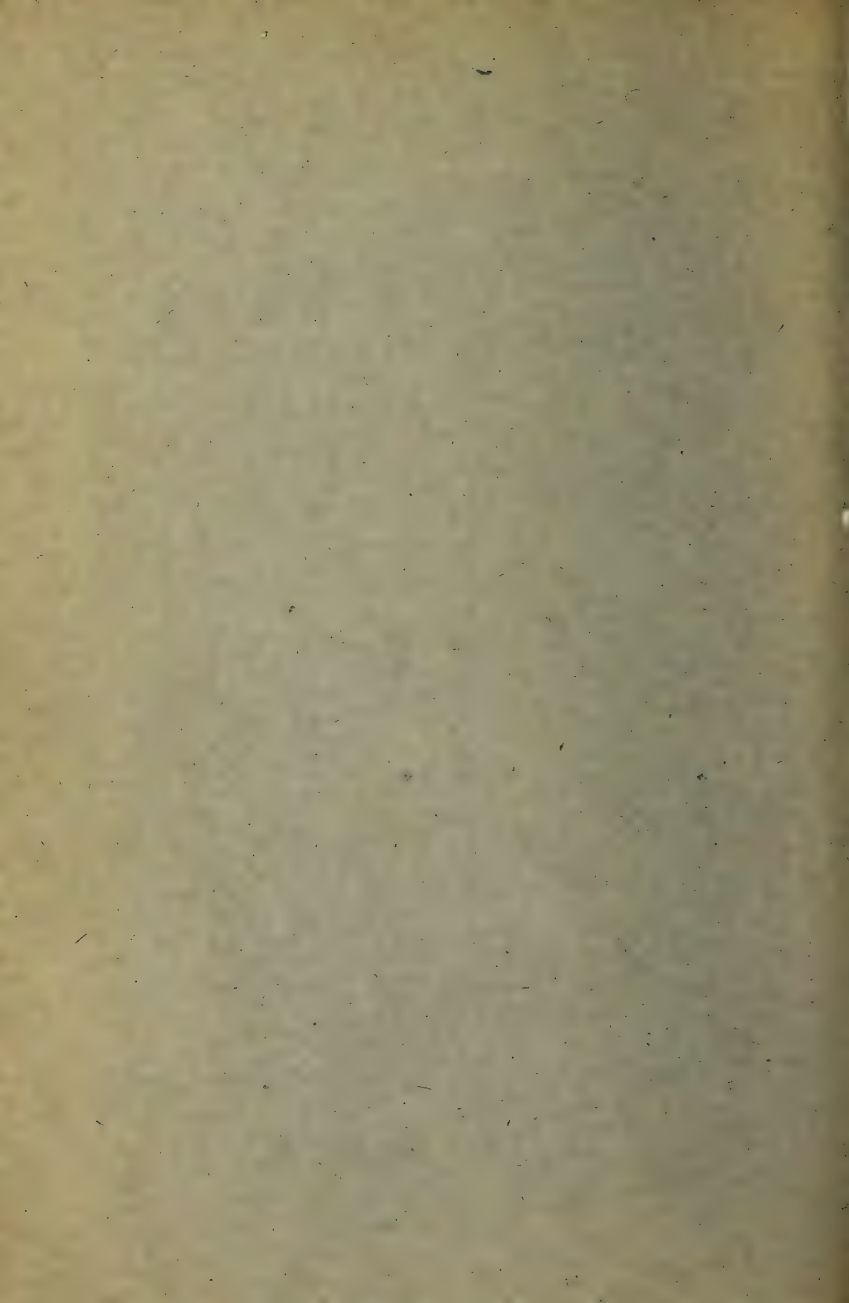
Seniors .....	3	
Juniors .....	3	
Sophomores .....	9	
Freshmen .....	11	26
Academy .....		18
Special and Business .....		29
Vocal Music .....		51
Instrumental Music .....		72
Expression .....		20
Art .....		17
		<hr/>
		233
Counted Twice .....		29
		<hr/>
Total .....		204











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UNIVERSITY OF ILLINOIS

MAY, 1910

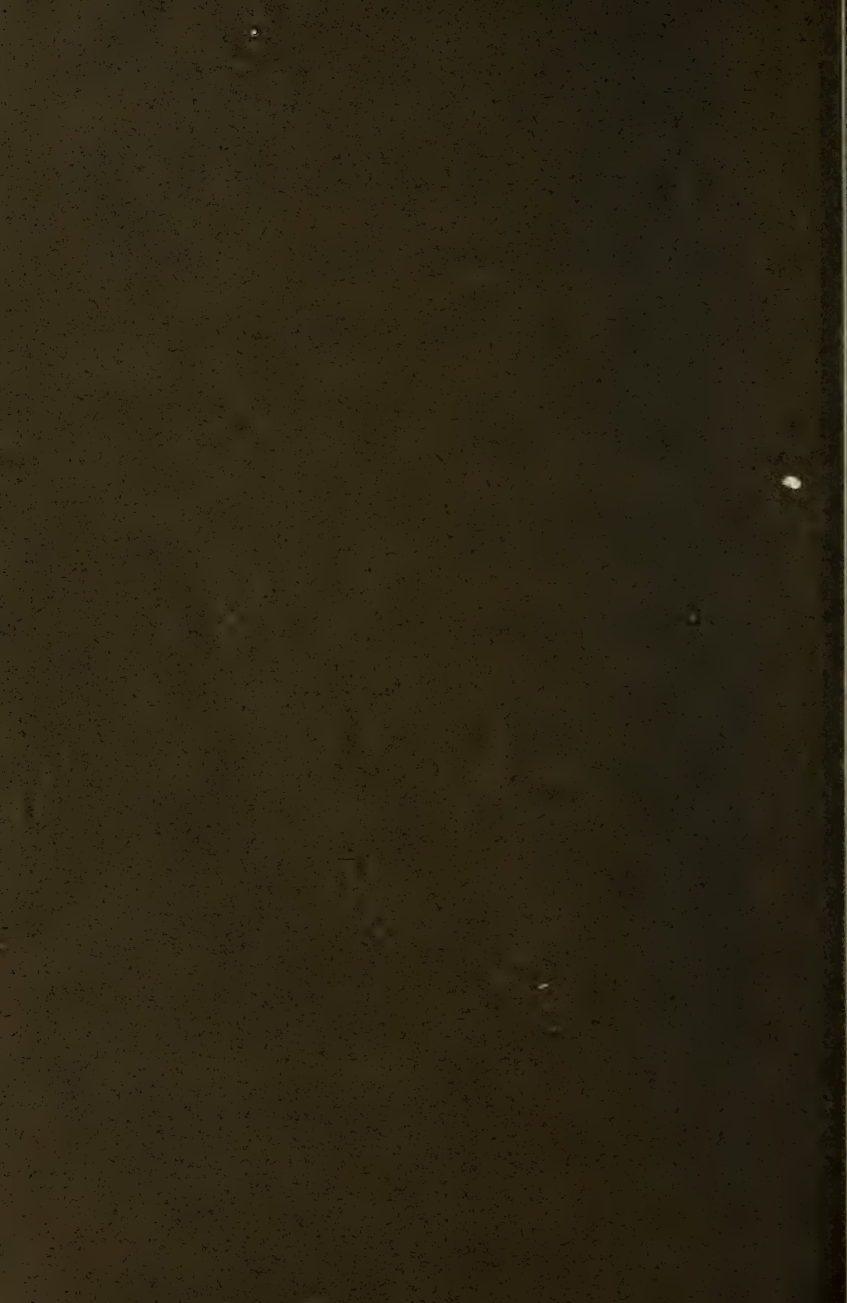
No. 1

BULLETIN  
OF  
BLACKBURN COLLEGE  
THE CATALOGUE  
1909-1910



CARLINVILLE  
PUBLISHED BY BLACKBURN UNIVERSITY

May, September, December and March





THE CATALOGUE

OF

**Blackburn College**

CHARTERED 1857

1909-1910



CARLINVILLE, ILL.  
PUBLISHED BY BLACKBURN UNIVERSITY  
1910

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**KIEFER & DAVID, PRINTERS**  
**CARLINVILLE, ILL.**

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# Calendar, 1910-1911

1910.

- September 13.* Tuesday, 10 A. M., to 3 P. M. Registration of Students.
- September 14.* Wednesday, 10 A. M. Academic Year Begins.
- November 23-28.* Wednesday, 4 P. M., to Monday, 10 A. M. Thanksgiving Recess.
- December 19-22.* Term Examinations.
- December 22.* Thursday, 4 P. M., to Second Tuesday. Christmas Vacation.

1911.

- January 2.* Tuesday, 10 A. M., Second Term Begins.
- February 9.* Thursday. Day of Prayer for Colleges.
- March 27-29.* Monday to Wednesday. Term Examinations.
- March 29-April 4.* Wednesday, 4 P. M., to Tuesday. Spring Recess.
- April 4.* Tuesday, 10 A. M. Third Term Begins.
- May 15.* Monday. Essays for Faculty Prizes Are Due.
- June 7-9.* Wednesday to Friday. Term Examinations.
- June 11-14.* Sunday to Wednesday. Commencement Exercises.
- June 13.* Tuesday, 10 A. M. Meeting of the Board of Trustees.
- June 14.* Wednesday, 10:30 A. M. Commencement.
- SUMMER VACATION.

1911.

- September 12.* Tuesday, 10 A. M., to 3 P. M. Registration of Students.
- September 13.* Wednesday, 10 A. M. Academic Year Begins.

## BOARD OF TRUSTEES

### Officers of the Board

REV. THOMAS D. LOGAN, D.D., PRESIDENT.

HON. THOMAS RINAKER, SECRETARY.

HON. FRANK W. BURTON, TREASURER.

### The Board

HON. THOMAS RINAKER	-	-	-	-	Carlinville
A. H. BELL	-	-	-	-	Carlinville
HON. FRANK W. BURTON	-	-	-	-	Carlinville
D. W. TAYLOR	-	-	-	-	Litchfield
CHARLES G. BROWN	-	-	-	-	Divernon
*THOMAS L. FANSLER	-	-	-	-	Evanston
REV. CHARLES M. BROWN, D.D.	-	-	-	-	Joliet
THEODORE C. LOEHR	-	-	-	-	Carlinville
THOMAS D. LOGAN, D.D.	-	-	-	-	Springfield
JOHN WILSON	-	-	-	-	Carlinville
H. H. MONTGOMERY	-	-	-	-	Carrollton
REV. JOHN A. TRACY	-	-	-	-	Shelbyville
REV. IRA W. ALLEN, Jr.	-	-	-	-	Paris
REV. FREDERICK W. HAWLEY	-	-	-	-	Bloomington
REV. JAMES A. SANKEY	-	-	-	-	Peoria
B. M. BURKE	-	-	-	-	Carlinville

### Prudential Committee

THOMAS D. LOGAN,  
FRANK W. BURTON,

A. H. BELL,  
THOMAS RINAKER,

CHARLES M. BROWN.

CORPORATE NAME: The Blackburn University.

\*Removed from the state of Illinois.



## THE FACULTY

WALTER HENSILL BRADLEY, Ph.D., D.D., Acting President.

Harris Professor of Law.

*History, Philosophy and Social Science.*

JOHN DYKEMAN CONLEY, Ph.D.

*Physics, Chemistry and Geology, Emeritus.*

WESLEY ADAMS CHALLACOMBE, M. S.

*Mathematics and Astronomy.*

\*FRANCIS LEE GOFF, A. M.

Blackburn Professor of Theology.

*Biblical Literature and Ethics.*

CLARISSA RINAKEE, A. B.

*English and French.*

HOPE FERN TONGATE, A. B.

*Latin and Greek.*

FRANK MILTON BYERS, B. S.

*Physics, Chemistry and Agriculture.*

RUTH HIGLEY, A. B.

*Biology.*

ETHEL PAREN ENGLAND,

*Expression.*

MRS. AGNES COVERT KNAPP,

*Art.*

MRS. ROBERT O. PURVIANCE,

*Piano.*

NELLIE REBECCA MESSICK,

*Piano.*

MRS. ABBIE G. GORE,

*Voice.*

\*On leave of absence for year 1909-10.

## History of the College

In 1835, the Rev. Gideon Blackburn, D. D., a Presbyterian minister residing at Carlinville, Illinois, conceived the plan of founding an institution of learning for his church. His object, like that of the founders of the early colleges in New England and the East, was "to promote the general interests of education and to qualify young men for the office of the gospel ministry by giving them such instruction in the Holy Scriptures as might enable them to perform the duties of that high and holy vocation acceptably and usefully in the world."

Since the United States Government at that time was placing upon the market large tracts of land in this region, Dr. Blackburn volunteered to give personal services in entering land for the friends of the cause on the following terms: Two dollars were to be paid him for each acre entered; of this amount he was to pay one dollar and a quarter an acre for the land, reserve twenty-five cents for his own services and invest the remaining fifty cents in lands for the institution. Proceeding on this plan, he raised funds sufficient to enter a fraction over 16,656 acres for the college. These lands were situated chiefly in Macoupin and Montgomery Counties.

To secure the location of the institution at Carlinville, the citizens of this place contributed sufficient funds to purchase eighty acres of land near the town, the present site of the College buildings.

These lands were all entered in Dr. Blackburn's name, but in May, 1837, he deeded them to certain trustees for the purpose of founding and maintaining the institution which he had originally planned. In 1857, the trustees, acting in accordance with the instructions of the deed, obtained a charter from the legislature.

Soon after the charter was granted, the Rev. John C. Downer was chosen financial agent, and A. McKim Dubois, Esq., treasurer, and a building was erected on the present site at a cost of \$12,000. In 1859, a primary school was opened in this building with Mr. Downer as principal and Mr. Clarke as assistant, the latter doing most of the teaching.

In the autumn of 1862, Mr. Robert B. Minton became principal. From that time until the present the school has continued without interruption, and today, as Blackburn Academy, is a vital part of the institution.

In the year 1864-65, a full collegiate course of study, both classical and scientific, was adopted; women were admitted to all classes with the same privileges as men.

In September, 1867, the Rev. John W. Bailey, D. D., was elected Blackburn professor of theology, and the theological department was organized. The department continued for many years, and although the number of students was not large, those who graduated from it have served, and are serving, the Presbyterian and other churches in an acceptable way. The theological course is no longer given.

During this year the building was enlarged and improved at an expense of \$35,000.

In 1868, the legislature, by request of the Trustees, changed the name of the institution from "Blackburn Theological Seminary" to "The Blackburn University," which has continued to be the official name down to the present time.

With the enlargement of the faculty and the increase in the number of students, it became necessary for the institution to have an official head. Professor Bailey was chosen president in 1871. He discharged the duties of that office until 1876, and, after the lapse of a year, was succeeded by the Rev. E. L. Hurd, D. D., who served until 1891.

In the autumn of 1891, Richard Edwards, LL. D., ex-Superintendent of Public Instruction in Illinois, was called to the presidency and continued in that position for two years. Ill health compelled him to resign.

The next President, the Rev. James E. Rogers, Ph. D., D. D., served with credit to himself and profit to the institution from 1893 to 1896.

After a year's interval during which Professor Walter H. Crowell was the acting President, the Rev. Walter H. Bradley was appointed Dean and acting President and remained such until 1905.

In June, 1905, the Rev. Thomas W. Lingle, Ph. D., was

chosen President and at his resignation in June, 1908, the Rev. Walter H. Bradley was again made acting President.

In 1906, a movement was inaugurated to increase the endowment. Mr. Andrew Carnegie offered twenty thousand dollars on condition that fifty thousand dollars more be raised. The condition was met in cash and Mr. Carnegie's check has been received. In August, 1908, by the settlement of the John A. Harris estate twenty thousand dollars was received and the Harris professorship of Law was established. Thus within three years the resources of the college have been increased more than ninety thousand dollars.

# GENERAL INFORMATION

## Location and Equipment

'Blackburn was founded by one who feared God and loved his fellowmen. Her motto is, "For Christ and Humanity." The emblems of her seal are the book of truth, the scroll of the law, the compass of justice, and they typify service for the world. Heroic sacrifice has marked her way, but she has justified her existence. Her fifty years of active service have given many to the church and to the world who are exhibiting the powers of mind and the graces and virtues of character developed or intensified within her walls.

"Not vainly the gifts of her founder were made;  
Not prayerless the stones of her corner were laid;  
The blessings of Him whom in secret they sought  
Has owned the good work the fathers have wrought."

"The number of pupils is not large, but the college prefers quality to quantity in students and seeks culture and high ideals of service in instructors.

"The Bible is magnified, the essential of evangelical Christianity are emphasized, a daily chapel service is held. There is, however, a broad tolerance of religious, political and social theories. "In essentials unity, in non-essentials liberty, in all things charity."

"The college stands for total abstinence from intoxicating drinks and forbids all games of chance on college property.

"She believes in healthful recreation and proper sport, but only in clean athletics.

"She stands for true manhood and noble womanhood. She fosters reverence for holy things, the love of God and all good and the hatred of all evil. She would build into the character of her students sincerity, genuineness, truth, and would give them strength, balance and reasonableness."

LOCATION.—The College is situated at Carlinville, Illinois, the county seat of Macoupin County, a city of about four thousand inhabitants, forty miles from Springfield and sixty



miles from St. Louis. The Chicago & Alton Railroad, the main line from Chicago to St. Louis, and a branch east and west, affords access from every direction. The Illinois Traction System, with electric cars hourly from Decatur and Springfield to St. Louis, adds to the accessibility of the institution.

GROUNDS AND CAMPUS.—The Campus contains ten acres, well shaded by maples and elms. Elevated ground and beautiful trees make a very pleasing site. An athletic field containing several acres is included in the campus. In this are foot ball and base ball grounds and tennis courts.

UNIVERSITY HALL.—This building, completed in 1868, is a three-story brick structure, containing, on the first floor, rooms for the Academy, the department of Mathematics, the Oloparthenian Society, the Young Men's Christian Association and the Art Studio; on the second floor, the chapel, president's office, the library and several recitation rooms; on the third floor, students' rooms. In the basement are the refectory, bath rooms, gymnasium and the steam heating plant.

ROBERTSON HALL.—Northwest of University Hall stands Robertson Hall, containing, on the first floor, rooms for biology, physics and chemistry; on the second floor, the Taylor Museum; on the third floor the halls of the young men's literary societies. This building was provided by the liberality of Dr. William A. Robertson and his wife.

MINTON OBSERVATORY.—To the west of Robertson Hall is the Minton Observatory, donated by the late Robert B. Minton, who for twenty-seven years was connected with Blackburn as principal of the Academy and Professor of Mathematics. In this building is a five-inch, equatorially mounted telescope, made by Loomis.

TAYLOR MUSEUM.—This museum was donated by Julius S. Taylor, M.D., Ph.D., a friend and correspondent of Agassiz. It is the life-work of the venerable donor, representing fifty years of scientific study, collection and exchanges. More than twenty-five thousand fossils and eight thousand minerals, with a rare collection of Indian relics, and curiosities from foreign



mission fields, together with a beautiful collection of shells and corals, are grouped here.

**CHEMICAL LABORATORY.**—This laboratory is fitted up for practical and experimental work. The most approved apparatus is provided. Desks are furnished with chemical reagents, gas, and water. Each student works independently in general chemistry, organic chemistry, qualitative and quantitative analysis.

The laboratory fee covers only the cost of materials. Breakage of apparatus is charged to the students.

**PHYSICAL LABORATORY.**—The physical laboratory is provided with apparatus to illustrate mechanics, heat, light, sound, electricity, etc.

**THE LIBRARY.**—The library embraces works on history, science, linguistics, archaeology, literature, and theology. It contains a number of rare books, valuable specimens of the book-makers' art, more than three hundred years old.

**GYMNASIUM.**—Recreation and physical development are secured by the judicious use of the gymnasium. Students have access to the rooms every afternoon. A good complement of apparatus is provided; parallel bars, horizontal bar, traveling rings, flying rings, climbing ropes, standard chest machines, quarter circle, rowing machines, dumb bells, overhead parallel bars, stationary bicycle, striking bag, vaulting horse, Indian clubs, bar bells, shot, hammer, tug of war, jumping standards and tumbling mats.

**DORMITORY FOR YOUNG MEN.**—The dormitory affords accommodation for sixty students. The rooms are well lighted and well ventilated and are heated by steam. Furniture must be provided by the occupant, though a limited amount may be rented or purchased from the College. Those who do not wish to room in the dormitory can secure board and rooms in private families. The students who room in the building have control of the College refectory, at which board is furnished at cost, averaging from three to four dollars a week.

## ATTENDANCE, EXAMINATION AND STANDING

REGISTRATION AND ATTENDANCE.—The academic year is divided into three terms. All students are expected to register upon the first day of each term, except at the beginning of the year, when the registration should be made during *the two days just previous* to the calendar date for the beginning of the term. Cuts are counted from the first day of each term.

Each student is expected to attend the daily chapel service and also every exercise in the several studies to which he is assigned.

EXAMINATION AND STANDING.—Except in laboratory and similar work, all classes are examined at the close of each term.

If a student in the College absents himself from any course more than the allowed number of times, viz.: as many times during the term as there are recitation periods a week in that course, he renders himself liable to debarment from the examination in that course at the end of the term. Such a student may, however, be examined in that subject at a later date, upon payment of a special fee of one dollar. Students in the Academy are subject to the regulations made by the Principal of the Academy.

The grading is upon a scale of 100. If a student fails to make an average of 75 per cent. in any subject at the end of a term, he is required to take a special examination as soon thereafter as the professor in whose department the failure occurred deems it advisable. In determining the final average, the examination counts one-third.

A report of each student's standing is sent to parent or guardian at the end of each term. Reports are also made more frequently when there is need.

Any student who, from carelessness, inattention or indolence, falls below 65 per cent. in all his studies, will not be permitted to remain in the institution.

HONORS.—Students who have an average of 90 per cent., or over, during their whole College course, will be regarded as graduating with honor. Students who do not secure an average

of 90 per cent. in all their work, but do have an average of 90 per cent., or over, in any department in which they have taken at least nine term hours of elective work in addition to all the required work, may, upon the recommendation of the professor in charge, be graduated with final honors in that department.

The names of students thus graduated with Final Honors will be printed upon the Commencement Programme and also in the Annual Catalogue.

The names of students who have an average standing of 90 per cent., or over, for the year, will be read at the morning exercises on Commencement Day.

**DISCIPLINE.**—There is no formal set of rules in force. Students are expected to conduct themselves in accordance with the ordinary rules of propriety. When, from time to time, special rules are made in the interest of the whole student body, it is expected that all members of the institution will cheerfully comply with them. Offenses against the social well-being of the students as a whole will be dealt with by the several professors and instructors, or by the Faculty, as the occasion may demand. Continued wrong-doing on the part of any student, such as makes it evident to the Faculty that the student is not only failing to be benefited by the institution but is also becoming harmful to others, will be deemed a sufficient reason for requesting the parent or guardian of that student to remove him. If such removal does not take place within a reasonable time, dismissal from the institution will follow.

No student who has been subject to College censure will be allowed to represent the College in any public way, from the time when the censure was imposed until the end of that academic year. Such student may not play upon ball teams, take part in any debate, oratorical contest, or similar activity.

## EXPENSES

The tuition for the year in the College is \$50.00, divided according to terms as follows: \$22.00 in the Fall term, \$16.00 in the Winter Term, and \$12.00 in the Spring Term. For the Academy the tuition is \$40.00 for the year, divided as follows: \$18.00 in the Fall Term, \$12.00 in the Winter Term, and \$10.00 in the Spring Term. Other College and Academy expenses may be summarized thus:

	Fall Term.	Winter Term.	Spring Term.
1. Incidentals . . . . .	\$ 1.00	\$ 1.00	\$ 1.00
2. Room rent from . . . . .	4.50-- 8.00	4.50-- 7.50	3.00-- 6.00
3. Board in College Club.	40.00-- 50.00	35.00-- 45.00	30.00-- 40.00
	<hr/>	<hr/>	<hr/>
	\$45.50--\$59.00	\$40.50--\$53.50	\$34.00--\$47.00

Adding to these sums the proper tuition fee, the total expenses, apart from the laboratory fees, range from \$67.50 in the College and \$63.50 in the Academy in the Fall Term to \$46.00 and \$44.00 in the College and Academy, respectively in the Spring Term.

### LABORATORY FEES, ETC.

In the Department of Biology a laboratory fee of one dollar (\$1.00) a term is charged for each course.

In Chemistry a fee of two dollars (\$2.00) a term is charged in connection with Course 1. In advanced courses in Chemistry the fee is three dollars (\$3.00) a term.

In Physics the laboratory fee is two dollars (\$2.00) a term for each course.

At the beginning of the year a deposit of two dollars (\$2.00) is required of young men in the College and Academy to cover all unreported damage to property. At the end of the year the unexpended balance is returned to the student.

Extra tuition at the rate of fifty cents a lesson of forty-five minutes is charged for courses in Music and seventy-five cents in Expression.

In Typewriting a fee of three dollars (\$3.00) a year is charged for the use of the machine.

## PRIZES, SCHOLARSHIPS AND SELF-HELP

**GOLD MEDAL.**—A gold medal is annually awarded to the student making the highest grade. All College students are eligible except winners of the medal in preceding years.

Awarded in 1909 to Miss Nellie Keplinger.

**FACULTY PRIZE.**—A Faculty Prize of ten dollars in gold is annually awarded to the author of the best essay submitted before May 15th. Each essay must be typewritten, free from errors in grammar, spelling and diction, and from 1,200 to 2,000 words in length. All students may compete. Three essays must be submitted in order that there may be a competition.

**PARKS SCHOLARSHIP.**—This fund, amounting to \$1,000.00, the gift of the late Philander Braley and wife, of Carlinville, and given in the name of their daughter, Mrs. Sarah C. Parks, is for the use of the descendants of the donors.

**CORBIT SCHOLARSHIP.**—The recipient of this scholarship, founded by the late Joseph Corbit, of New York City, is chosen from year to year by the Faculty and is entitled to his tuition for the year.

**HIGH SCHOOL SCHOLARSHIP.**—To bring the College into closer relations with the high schools of the State, a scholarship in the Freshman year is offered to one graduate from each high school in Illinois, the course of study in which is equivalent to that required in Blackburn Academy. The conditions are that it shall be given to that graduate who ranks first or second and shall be claimed within eighteen months after graduation from the high school.

**COLLEGE AND ACADEMY SCHOLARSHIPS.**—A limited number of scholarships, each covering the tuition, is available for students of high attainments and irreproachable character. These are awarded when a student enters the institution upon the basis of his attainments elsewhere and the recommendation of those who know him best. Such scholarships will also be awarded to students of the College and Academy upon the record made in



the institution. Failure to maintain the required standing, or the incurring of College discipline, will lead to the revoking of such scholarship.

Only students in real financial need of such aid will be granted one of these scholarships.

**THE FITCH SCHOLARSHIP.**—A fund, amounting to about \$750.00, was devised to the Presbytery of Alton, and by the Presbytery placed in the hands of the Board of Trustees of the University, to execute the testator's wishes. Dr. Fitch desired the income to be used in the form of scholarships for educational purposes, preference to be given to students from Bond County.

**THE CHICAGO HARVARD CLUB SCHOLARSHIP.**—At its annual meeting, December 14, 1897, The Harvard Club of Chicago established a scholarship at Harvard University of the annual value of three hundred dollars. This scholarship is open to the graduates of the universities and colleges of Illinois, who wish to pursue a course of study at the Graduate Schools of Harvard University. Applications must be made before May 1st in each year. Senior students about to finish their undergraduate course are eligible as candidates.

## Other Aids

**FROM THE BOARD OF EDUCATION.**—The Board of Education of the Presbyterian Church assists young men, studying for the Presbyterian ministry, to the amount of \$100.00 a year. Such students must be under the care of their Presbyteries as candidates for the ministry and must be members of one of the four college classes. Academic students may receive \$90.00 a year.

**EMPLOYMENT BY CITIZENS.**—A limited number of young men and women find homes with private families in the town, where they pay their board by work. Business houses afford occasional opportunities for employment.



## STUDENT ORGANIZATIONS

**YOUNG MEN'S CHRISTIAN ASSOCIATION.**—This association has been established for many years. Generally a large proportion of the young men are members. Meetings are held each Tuesday evening. A room on the first floor of University Hall is set apart for the association.

**YOUNG WOMAN'S CHRISTIAN ASSOCIATION.**—This organization, established in the winter of 1904-5, takes a prominent place in the life of the institution. Meetings are held every week. Under the direction of its officers the Bible is studied systematically.

**LITERARY SOCIETIES.**—Three societies offer the students excellent facilities for literary training. Thorough drill in declamation, debate, oratory and parliamentary law is afforded.

1. The **OIOPARTHENIAN SOCIETY** is open to all young women in the institution. Their hall has been redecorated recently and is well furnished. Meetings are held every Friday afternoon.

2. The **ORTHOPATETIC SOCIETY** for young men has a good hall in the Science Building. The rooms are being refitted this year.

3. The **PHILOMATHEAN SOCIETY** for young men occupies a neatly furnished and well lighted hall in the Science Building. .

**BLACKBURN ORATORICAL ASSOCIATION.**—The **ORATORICAL ASSOCIATION** is a member of the Illinois Inter-Collegiate Oratorical Association, and is represented in the State contest held each November.

**THE BLACKBURNIAN.**—The college paper, *The Blackburnian*, established in 1881; is edited and conducted entirely by the students.

Its general tone is literary though various departments of college life are represented.

**BLACKBURN ATHLETIC ASSOCIATION.**—The purpose of this association is to promote all forms of outdoor athletics. It controls all teams representing the college.

## REQUIREMENTS FOR ADMISSION

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character; and students coming from other institutions must produce certificates of regular dismissal.

Students from academies and high schools, whose courses of study have been approved by the Faculty, are admitted to suitable classes without special examination, on presenting diplomas of graduation or certificates of class standing, accompanied by the recommendation of the principal of the school; provided that such diplomas or certificates are presented within eighteen months of the date thereof. The first term of attendance of those so received is considered probationary, and students manifestly deficient in preparation may be at any time dropped from the class.

### ENGLISH.

The requirements for admission to Freshman English are: (a) ability to read intelligently and appreciatively such literary English as the works named below; (b) familiarity with the subject matter, structure and the style of the works prescribed by the Committee on Uniform Entrance Requirements in English; (c) ability to write accurately and clearly upon subjects of human interest as well as upon the books presented for entrance.

List of books required for Uniform College Entrance Examinations in English for the years 1910-1911.

### READING AND PRACTICE.

Group I (two to be selected). Shakespeare's *As You Like It*, *Henry V.*, *Julius Caesar*, *Merchant of Venice*, *Twelfth Night*.

Group II (one to be selected). Bacon's *Essays*, Bunyan's *Pilgrim's Progress*, Part I; The Sir Roger de Coverley Papers in the *Spectator*, Franklin's *Autobiography*.

Group III (one to be selected). Chaucer's *Prologue*; Spenser's *Faerie Queen* (selections); Pope's *Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (First Series,) Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV (two to be selected). Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe* and *Quentin Durward*; Hawthorne's *The House of Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dicken's *A Tale of Two Cities*; Geo. Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group V (Two to be selected). Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc* and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

Group VI (two to be selected). Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incidents of the French Camp*, *The Boy and the Angel*, *One Word More*, *Herve Riel*, *Pheidippides*.

#### STUDY AND PRACTICE.

II *Penseroso*; Burke's *Speech on Conciliation with America*; or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

#### LATIN.

ELEMENTARY LATIN. *a.* 1. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences, indirect discourse and the subjunctive.

2. Latin Composition: Translation into Latin of easy English sentences.

*b.* Caesar: Any four books of the *Gallic War*, preferably the first four, and selections from Sallust.

INTERMEDIATE LATIN. *a.* Cicero: Any six orations from the following list, preferably the first six: The four orations against Catiline, Archias, the Manilian Law, Marcellus, Roscius, Milo, Sestius, Ligarius, the fourteenth Philippic.

*b.* Ovid. Twenty-five hundred lines. Prosody. Mythology.

ADVANCED LATIN. *a.* Virgil: The first six books of the Aeneid, or the first five books and the Eclogues. Prosody. Mythology.

*b.* Advanced Composition. Translation into Latin of continuous passages based upon Caesar, Nepos, and Cicero.

### MATHEMATICS.

ARITHMETIC. Students, applying for admission to college, must have had such training in arithmetic as well enable them to carry the higher branches of mathematics with facility and precision.

ALGEBRA. Candidates for admission must have acquired a thorough knowledge, not only of the practice but also of the reasons involved in the elementary algebraic rules. They must be able to use readily the more important formulae.

PLANE AND SOLID GEOMETRY.—The propositions contained in the ordinary treatises on geometry.

### GREEK.

ELEMENTARY GREEK. The mastery of some first year book, as White's. Emphasis is laid upon the inflected forms, the verb, word formation and the simpler rules of syntax. Sight reading in easy prose.

SECOND YEAR GREEK. If two years of Greek are offered, Xenophon's Anabasis and Greek composition are required.

### FRENCH.

Thorough drill in the fundamental principles of the language. Grammar, easy reading, composition.

## GERMAN.

Mastery of the fundamental principles of the language. Grammar, easy reading and composition.

## HISTORY.

ANCIENT HISTORY. The civilization of Assyria, Babylonia, Persia, and Egypt, and the smaller kingdoms of Lydia, Syria, and Israel. Special attention to Greece and Rome.

ENGLISH AND AMERICAN HISTORY. In English History the general course of development; the names, orders and houses of the different monarchs; the social and political movements with reference both to the Continent and to America. In American History the origin and development of the colonies, the conditions which led to federation and the growth and development of both the Federal and State governments.

## PHYSICS AND CHEMISTRY.

PHYSICS. The equivalent of Carhart & Chute's *Physics*, with from forty to fifty experiments.

CHEMISTRY. The non-metals and their principal combinations, the metals and their principal salts, chemical nomenclature and notation, with one hundred and fifty simple experiments. Students should submit their note books with reports of their work signed by the teacher. Candidates may be required to demonstrate their ability by laboratory tests.

## OTHER SCIENCES.

PHYSICAL GEOGRAPHY. The earth; the nature, temperature, pressure, circulation, and moisture of the atmosphere; the oceans; the lands and their topographical peculiarities; the forms and distribution of life.

PHYSIOLOGY, ZOOLOGY AND BOTANY. A year's work of five hours a week in any one of these subjects, or any two or in all, as outlined in the courses of Blackburn Academy in this catalogue, will be accepted as constituting one point for admission.



**ADMISSION TO THE FRESHMAN CLASS.** Students, to be admitted to the Freshman class without conditions, must present subjects aggregating fourteen points. A point means a year's work in some subject with five recitation periods a week. The subjects presented determine the course for which the student is matriculated.

### **Admission to Advanced Standing**

A student may be admitted to advanced standing from any approved institution of collegiate rank, on a certificate of honorable dismissal. He must present a detailed statement of his previous work and his standing therein, signed by the proper official. The amount of credit given will be determined by the Faculty.

A student may also receive credit toward his degree, provided that he present, when admitted to the Freshman class, subjects which are in excess of those required for admission and are prescribed in the course of study for the degree for which he matriculates. But credit will ordinarily be given only upon examination.

### **Admission of Special Students**

The various courses of study in both College and Academy are open to students who desire to take special courses. Such students are subject to the College regulations and must take at least fifteen hours a week of class work in the College or twenty hours in the Academy, unless satisfactory reasons for a lesser assignment are presented.



## REQUIREMENTS FOR DEGREES

The College confers three degrees, Bachelor of Arts, Bachelor of Philosophy, and Bachelor of Science; the first for the completion of the classical course, the second for the philosophical and the third for the scientific. No degree is conferred on less than one year's residence. Courses *in absentia* are not given except for the Master's degree.

### Requirements for the Degree of Master of Arts

The degree of Master of Arts may be obtained under the following conditions: The candidate must be a graduate of some recognized collegiate institution with the degree of Bachelor of Arts, of Philosophy, of Science or of Letters. He must, upon registering as a candidate, select a major and two minor subjects with the approval of the professors in whose departments the work is given. In addition, a thesis of from 5,000 to 10,000 words in length, giving evidence of the candidate's ability to handle sources, is required.

If the candidate be wholly in residence, inasmuch as the work required is equivalent to a year's work of fifteen hours a week, he may take the degree at the end of one year. If the candidate be partly or wholly *in absentia*, he will need to confer, from time to time, with the professors in whose departments his subjects lie. Ordinarily such a candidate may take the degree at the end of two or three years. But, whether in residence, or *in absentia*, the candidate must pass such examinations at the end of his course as the professors in charge may deem advisable.

The degree of Doctor of Philosophy is not given.

# Courses of Instruction by Departments

## COLLEGE

### I. Agriculture

The course in Agriculture has been given for the past two years with satisfactory results. A state experiment field of twenty acres is located upon the college farm. The field is divided into forty one-fifth acre plots and four one-acre plots. A system of grain farming and one of live stock farming are in operation. The work of this field is studied by the agricultural students.

Agricultural students are advised to register for Chemistry, Botany, Zoology, Physiology, and Physical Geography.

**Farm Crops.**—A study of the production of corn, oats and wheat. Uses, preparation of seed bed, planting, cultivation, fertilizers, harvesting, improvement of varieties, fungus diseases and insect enemies, selection and testing of seed, and seed judging. First term.

**Agricultural Architecture and Sanitation.**—Location and construction of the home and farm buildings; the hygiene of the home, heating, lighting, ventilation, water supply and drainage.

**Agricultural Economics.**—The purpose of this course is to discuss rural social problems in general. Advantages and disadvantages of farm life, improvement of conditions. Roads, schools, churches, transportation and farm labor.

**Animal Husbandry.**—Elementary principles of animal nutrition. Value of different foods for affording materials for the construction of body tissue and animal products. Methods of breeding and feeding beef cattle for the open market; by-products of the feed lot and their bearing upon the cost of beef. Second term.

**Farm Mechanics.**—Care and use of machinery. Plows, harrows, drills, cultivators, binders, rakes and spraying machines. Farm power machinery.

**Horticulture.**—An introductory course dealing with the fundamental principles of fruit culture. Location and pruning

of orchards, protection from insects and diseases. Materials and methods used in spraying. Recitations, lectures and visits to local orchards. Third term.

Landscape Gardening.—Lectures, reference readings, problems and plant studies with special reference to home surroundings. Arrange time.

1. Soil Fertility.—Influence of fertility, natural or supplied, upon the yield of various crops. Effect of different crops upon the soil and upon succeeding crops. Rotations and the effect of different systems of farming upon the fertility and productive capacity of soils. Composition and value of fertilizers and manures. Value of legumes as green manures. The relation of limestone, legumes and raw rock phosphate to permanent systems of agriculture. Five hours a week. First or second term.

Prerequisite: Chemistry 1.

Soil Physics.—Effects of different methods of soil treatment upon moisture, texture, aeration, fertility, and productive capacity of the soil. Means of conserving moisture: capillarity, harrowing, rolling and cropping. Power of different soils to hold moisture. Relation of humus to temperature and water-holding capacity.

## II. Biblical History and Literature

The work of this department covers three years and is required of all students. The purpose is that the student may learn the Bible practically, historically and broadly doctrinally. The courses include a usable analysis and history of the Bible itself, the purpose of its being written, the history contained within the Book, Biblical geography, the literary aspects and relations of the Book and its influence upon civilization. The Bible is the text-book, though other aids are used and lectures are given.

1. Hebrew and Jewish History. Wide reading in the historical books of the Old Testament; confirmation of the Bible by archeology. Two hours a week. Throughout the year.

2. New Testament History and Literature. The life of Christ and the epistles of Paul and the other Apostles. Contemporary history. Two hours a week. Throughout the year.

3. *a.* Natural Theology. The evidences of the existence of God. Three hours a week. First term.

3. *b.* Comparative Religion. A study and comparison of the leading faiths of the world and an estimate of their relative values. Three hours a week. Second term.

The last two courses with Ethics constitute the Natural Theology-Ethics course, required of all students in the Senior year.

### III. Biology

1. *a.* Vertebrate Zoology. Study of general characteristics of the principal groups. Laboratory work covering the detailed study of representative forms. Lectures and recitations. Three hours a week. Laboratory work five hours a week. First term.

1. *b.* Invertebrate Zoology. Development of different forms. Laboratory work covering the representatives of principal groups. Laboratory work five hours a week. Lectures and recitations three hours a week. Second and third terms.

2. *a.* General Botany. Study of the morphology and physiology of both lower and higher plants. Lectures and recitations three hours a week. Laboratory work five hours a week. First term.

2. *b.* Ecology. Study of general conditions under which plants grow. Some collecting is done and attention is given to technology. Lectures and recitations three hours a week. Laboratory work five hours a week. Second and third terms.

Courses 1 and 2 offered in alternate years.

3. *a.* Comparative Anatomy. A comparative study of skeletal, muscular, digestive and nervous systems. Two lectures a week. Six to eight hours laboratory work. First term.

3. *b.* Histology. Study of tissues. Some attention given to microscopical technology. One recitation a week. Seven to ten hours laboratory work. Second and third terms.

4. *a.* Fungi. A detailed study of representative fungus forms. Two hours a week recitations. Six hours laboratory work. First term.

4. *b.* Algae. A detailed study of representative forms of fresh and salt water Algae. Two hours a week recitations. Six hours a week laboratory work. Second and third terms.

## IV. Chemistry

1. **Elementary Inorganic Chemistry.**—This course deals with the general elementary principles of the science. One recitation and two two-hour laboratory periods a week. Throughout the year.

2. **Qualitative and Quantitative Analysis.** This course consists of recitations and laboratory practice in the ordinary processes of qualitative and quantitative analysis and the determination of unknown substances. One recitation and two two-hour laboratory periods a week. Throughout the year.

**Prerequisite:** Chemistry 1.

3. **Organic Chemistry.** The work of this course consists in the discussion of the more typical and simple organic compounds, followed by a brief consideration of the important derivatives of carbon. For agricultural and medical students. Elective for others. One recitation and two two-hour laboratory periods a week. Throughout the year.

**Prerequisite:** Chemistry 1 and 2.

## V. English Language and Literature

1. **Rhetoric and Composition.** Study of the elements and qualities of style and their practical application. Short daily or semi-weekly themes on assigned subjects. Criticism by the class. Study of specimens of prose, prescribed reading and reports. Three hours a week. First and second terms.

1-a. **Elements of Literary Criticism.** Analysis of the principal kinds of literature. Study of specimens of prose and poetry. Weekly themes. Three hours a week. Third term.

2. **History of English Literature.** A general survey of the History of English Literature from the earliest times to the present. Wide reading from selected masterpieces. Lectures, discussions, recitations, and written reports. Three hours a week. Throughout the year.

3. **Shakespeare.** Brief study of the development of the English Drama. Lectures on Shakespeare as a dramatist. Reading of all the plays. Reports and discussions. Three hours a week. Throughout the year.

4. **The English Drama (exclusive of Shakespeare) from the**



Miracle Play to the present time. Three hours a week. Throughout the year.

5. Eighteenth Century Prose. Addison, Steele, Johnson, Swift, Goldsmith. Three hours a week. First and second terms.

5-a. Recent Essayists. Matthew Arnold, Ruskin, Walter Pater, Robert Louis Stevenson. Three hours a week. Third term.

6. Nineteenth Century Poetry. The Romantic School. Tennyson, Browning, Rossetti, Clough. Three hours a week. First and second terms.

6-a. English Ballads. Reading of the old ballads. Modern imitations of the popular ballads. Three hours a week. Third term.

7. The English Novel. The development of the English novel to the middle of the nineteenth century. Lectures, prescribed reading and reports. Three hours a week. Throughout the year.

7-a. The Modern Short Story. Lectures, prescribed reading and reports. Three hours a week. One term.

8. American Literature. A general survey of the history of American Literature from colonial times to the present day. Reading from the works of representative authors. Three hours a week. Throughout the year.

8-a. Argumentation. Lectures on the principles of Argumentation; analysis of specimens; practice in writing. Three hours a week. One term.

9. Greek and Latin Masterpieces in English. Reading in translation of classical epics and dramas. Three hours a week. Throughout the year.

## VI. Expression

First Year. Technical voice training. Breath control; tone placing; tone projection; freedom, purity, smoothness; development of resonance, flexibility; power and brilliancy of tone; eradication of faults in the use of the voice.

Expressive voice culture; tone color and form; sympathy; beauty; relation of voice to imagination and emotion; voice as an interpreter of mental states.

Analytic study of English pronunciation and enunciation.



Literary interpretation; expressive study of Narration and Description. Interpretation of Essay, Exposition and Oration. Interpretative study of Epic, Lyric and Dramatic Poetry. Critical analysis. English Literature.

Platform recitations for criticism of voice and deportment.

Physical training; Anatomy and Physiology as applied to voice culture. Personal hygiene with exercises for the vital organs and for muscular development. Exercises for poise, presence, grace and ease of bearing.

Second Year. Technical and expressive voice training. Philosophy of Expression. Oratory; its history and theory.

The Drama; Marlowe, Shakespeare, Sheridan and Goldsmith; plots, character studies and interpretation.

Interpretative study of Dickens, Browning, Tennyson, Burns, Scott, Wordsworth and Keats.

Psychology. Physical training. Personal development; character; ethics; manners. Platform art. Public reading. Impersonation. Character delineation. Dialect. Monologue. Interpretative recitals.

## **VII. French Language and Literature**

A. Elementary French. Thorough drill in the fundamental principles of the French language. Grammar, easy reading, and composition. Three hours a week. First and second terms.

A-1. Reading and translation of such easy French classics as Musset's "Pierre et Camille;" Mairat's "La Tache du Petit Pierre;" Bruno's "Tour de la France par deux Enfants." Grammar and Composition work. Three hours a week. Third term.

1. Advanced French. Reading and translation of such French prose as Hugo's "La Chute;" Sand's "La Mare au Diable;" Helevy's "L'Abbe Constantin," etc., and the easier comedies of Dumas, Moliere, Corneille, Scribe, etc. Three hours a week. Throughout the year.

2-a. French Dramatic Literature. Comedies of Moliere and Corneille and tragedies of Racine and Hugo and others are read, supplemented with lectures upon the development of the French drama.

2-b. French Prose. Extended reading of the best prose classics. Three hours a week. Second term.

2-c. French Poetry. Extended reading of the best French poetry. Two hours a week. Third term.

3. History of French Literature. Text-book work, supplemented by lectures, reading, and written reports. One hour a week. Throughout the year.

4. Reading and study of the Comedies of Moliere. Two hours a week. Throughout the year.

5. Victor Hugo. Lectures on the Life and Works of Victor Hugo. Reading of all the novels. Two hours a week. Throughout the year.

## VIII. German Language and Literature

A. Elementary German. Identical with German A, in the Academy. Elective in either the Freshman or the Sophomore year for students who presented French for admission. Required of all other Freshmen and Sophomores (except candidates for the degree of Bachelor of Arts.)

1. Reading and Speaking Course. A year of preparatory German is presupposed. The purpose is to educate the ear, perfect the pronunciation, and acquire facility in reading German understandingly without translating. Three hours a week. Throughout the year.

2. The Drama of the Classical Period. The works of Lessing, Schiller and Goethe are read. Two dramas of each author. Lectures upon the lives of the authors and the literature of the period. Three hours a week. Throughout the year.

3. German Literature. History of German literature from the earliest times to the present. Three periods, each constituting the work of one term, viz.: From the earliest times to Klopstock, from Klopstock to the death of Goethe, and from the death of Goethe to the present time. A German text-book on the subject treated is used. Three hours a week. Throughout the year.

4. Scientific German. Some scientific, historical, or philosophical work is read with the purpose of introducing the students to such literature. One hour a week. Throughout the year.

## IX. Greek Language and Literature

A. Elementary Greek. The first two terms are devoted to a mastery of inflections, pronunciation, and the building of a working vocabulary. Especial attention is given to the verb and to word-formation. In the third term Xenophon's *Anabasis* is begun. Composition both written and oral throughout the year. Five hours a week. Open to those students who have not had Greek before entering college and who are candidates for the degree of Bachelor of Arts.

I. Xenophon. *Anabasis*, Books II-IV. Careful study of the text. Thorough drill in syntax, pronunciation, and word formation. Reading at sight. Selections from the *Hellenica*. Three hours a week. Throughout the year. See Course 6.

2-a. Lysias. Selected orations. Thorough study of the text with lectures upon the development of oratory in Greece. Athenian law-courts. Three hours a week. First term.

2-b. Plato. *Apology* and *Crito*. Study of the text with sight reading in Xenophon's *Memorabilia*. Informal lectures upon the life and teaching of Socrates. Three hours a week. Second term.

2-c. Homer. Three books of the *Iliad*. Careful attention given epic forms and constructions, with lectures. Three hours a week. Third term.

3-a. Homer. Four books of the *Odyssey*. Rapid reading of other portions of the *Odyssey* with lectures upon Greek life in the Epic Period. Three hours a week. First term.

3-b. Demosthenes. *Philippics* and *Olynthiacs*. Study of the text with lectures upon the Attic orators and the historical situation. Three hours a week. Second term.

3-c. Sophocles. *Antigone*. Critical reading of the play. Lectures upon the rise and development of the Attic drama. Three hours a week. Third term.

4-a. Aristophanes. One play studied carefully in the text, with rapid reading of other plays in translation; development of the comic drama. Three hours a week. First term.

4-b. Lyric Poets. Selections from Sappho, Alcaeus, Simonides, Pindar and other lyric poets. Lectures upon the rise and

development of poetry of Greece. Three hours a week. Second term.

4-c. Plato. Republic. Study of the text with extended reading in other works of Plato. Discussion of Plato's conception of the State and comparison with Aristotle's views. Three hours a week. Third term.

5. Greek Life. Lectures and text-book work upon the private life of the Greeks. Child-life, education, amusements, marriage and the position of the citizen in the state are treated. One hour bi-weekly throughout the year.

6. Greek Composition. Thorough drill in writing connected discourse in Greek together with occasional oral work. One hour a week. Throughout the year.

7. Greek Composition. Advanced work in writing connected discourse in Greek. One hour a week. Throughout the year.

8. New Testament Greek. Selections from the Pauline Epistles, Acts of the Apostles, and the Gospels read with a view to the mastery of Hellenistic Greek. Two hours a week. Throughout the year.

## X. History

1-a. Greece and Rome. From the earliest times down to the fall of the Roman Empire. Text-book, collateral reading, outlines. Three hours a week. First term.

1-b-c. European History. Modern Europe. Text-book, collateral reading in the sources. Three hours a week. Second and third terms.

2-a. American History to 1787. Colonial and local government; inter-colonial wars; slavery; the Revolution. Text-book, collateral reading in the sources and especially the texts of documents. Three hours a week. First term.

2-b-c. Political and Constitutional History of the United States since 1787. The organization of the national government and its administrative development; slavery; extension of territory; the bank controversy; the Civil War; the period of reconstruction; present day questions. Text-book, lectures, collateral reading in original documents and authoritative sources. Three hours a week. Second and third terms.

3. English Constitutional History. Text-book, collateral reading in the sources. Two hours a week. Throughout the year.

4. History of France. The important epochs in the development of the French people are treated by text-book and lectures. Important events in Italian, Spanish, and Portuguese history also receive attention. Collateral reading. Two hours a week. First term.

4-b-c. History of Germany. The important epochs in the development of the German people, together with the leading events of Sweden, Denmark, and Holland, especially as these latter bear upon European history in general, are treated by text-book and lectures. Collateral reading. Two hours a week. Second and third terms.

## **XI. Latin Language and Literature**

1-a. Livy. Selections from Books I, XXI, XXII. Careful reading of the text with lectures upon early Roman history. Three hours a week. First term.

1-b. Cicero. Selections from his letters. Lectures upon the last period of the Republic with the definite aim to grasp firmly its revolutionary character. Three hours a week. Second term.

1-c. Tacitus. Germania and Agricola. Lectures upon the period in which Tacitus lived, together with a discussion of the conditions in Germany and Britain. Three hours a week. Third term.

2-a. Horace. Odes and Epodes. Lectures upon the life of Horace with a discussion of the chief characteristics of his lyrical works. Three hours a week. First term.

2-b. Catullus, Tibullus, and Propertius. Careful reading of selected poems with discussion of form and poetical value. Three hours a week. Second term.

2-c. Horace. Satires and Epistles. Careful reading of selections; comparison with Lucilius, Greek comic writers and modern satirists. Three hours a week. Third term.

3-a. Origin of Latin Poetry and Development of the Drama. Readings from Plautus and Terence. Three hours a week. First term.



3-b. Cicero. Brutus, with readings from Quintillian. Lectures upon the prose of the early period of the Republic. Three hours a week. Second term.

3-c. Tacitus. Reading from the Annals with lectures upon the prose of the Silver Age. Three hours a week. Third term.

4-a. Pliny. Selections from his Epistles. Lectures upon the period. Two hours a week. First term.

4-b. Juvenal and Martial. Selections with lectures upon the development of satire from Horace to Juvenal. Two hours a week. Second term.

4-c. Cicero. Virgil. Special elective for teachers of Latin. Two hours a week. Third term.

5. Roman Life. Lecture and text-book work upon the private life of the Romans. The Roman child is considered in the home, at play, at school, and when he has taken his place in the state. One hour, bi-weekly. Throughout the year.

6. Latin Composition. Thorough drill in writing connected Latin discourse with occasional oral work. One hour a week. Throughout the year.

7a. Cicero. *De Senectute* and *De Amicitia*. Three hours a week. First term.

7-b-c. Terence. Selected plays. Three hours a week. Second and third terms.

## XII. Mathematics and Astronomy

### A. MATHEMATICS.

1-a. College Algebra. A brief review of the theory of exponents, surds, and imaginary quantities, followed by advanced work in simultaneous quadratic equations, progressions, series, and kindred subjects. Five hours a week. Half year.

1-b. Trigonometry and Surveying. The development of the trigonometric functions and formulae, and their application to the solution of problems in geometry; right and oblique triangles, etc. Five hours a week. Half year.

2-a. Analytical Geometry. The study of the Cartesian and polar systems. The point, line, conics, higher plane curves, and the elements of three-dimensional geometry. Three hours a week. First term.



2-b-c. Differential Calculus. Differential formulae, application of differentiation to the expansion of functions, evolution of indeterminates, evolutes and involutes, maxima and minima. Three hours a week. Second and third terms.

3-a-b. Differential and Integral Calculus. The work in differential calculus completed. In integral calculus, the integration of rational fractions, indefinite integrals and the application of integration to areas, surfaces, volumes, and length of curves, and to the solution of problems. Three hours a week. First and second terms.

3-c. Partial Differential Equations. With applications to geometry and physics. Three hours a week. Third term.

4. Mechanics. A study of the principles of rational mechanics, covering a careful investigation of the formulae concerning the work, energy, friction, momentum, equilibrium, of forces and center of gravity of bodies; the strength of bars and beams; the path of a projectile; hydrostatics and hydrodynamics; pressure and expansion of gases. Three hours a week. Throughout the year.

b. Astronomy . . . . .

1. Astronomy. Descriptive, mathematical, and historical astronomy. Three hours a week. First and second terms.

2. Spherical and Practical Astronomy. Three hours a week. Third term.

### **XIII. Mineralogy and Geology**

1-a. Mineralogy. Morphology, chemical and physical properties of crystals; rock-forming minerals and rock as mineral aggregates. Origin, character, classification and distribution of minerals. Three hours a week. First term.

1-b-c. Geology. Cosmical, dynamical, structural, historical, physiographic, and economic geology. Paleontology. Three hours a week. Second and third terms.

### **XIV. Philosophy**

1-a. Logic. Thorough training in the modes and tests of correct reasoning. Practical exercises receive much attention. Three hours a week. First term.

1-b-c. Psychology. This subject is treated with constant

reference to physiology, and the courses in physiological and general psychology are arranged to supplement each other. Late discoveries and theories receive due attention. Three hours a week. Second and third terms.

2. Ethics. The course in Moral Philosophy and Biblical Ethics is thoroughly practical. Due attention is paid to ethical theories. Three hours a week. Third term.

3. History of Philosophy. A development of philosophical thought from its beginnings in Greece down to modern times. Special attention is given to the Greek philosophers in the early part of the course, in particular to Plato and Aristotle. The great men of the middle ages are dealt with so far as time permits. In the period of modern philosophy the convergence of different lines upon Immanuel Kant and the influences radiating from him are considered at length. The work is not merely analytical but also constructive. Lectures, collateral reading, essays. Three hours a week. Throughout the year.

4-a. German Philosophy. A careful study of Kant's Critique of the Pure Reason, together with supplementary reading in his other works and lectures upon Fichte, Schelling, Hegel and Schopenhauer. Three hours a week. First term.

4-b. British Philosophy. The development of British thought from Bacon to Spenser. Special attention given to Locke, Berkeley, and Hume. Lectures, readings in the sources, essays. Three hours a week. Second term.

4-c. Metaphysics. The fundamental concepts of reality viewed in the light of their history and evaluated in modern thought. The distinct effort is made to get the students to grasp fundamental problems for themselves and to solve them as best they may. Three hours a week. Third term.

## XV. Physics

1. General Physics. The aim in this course is to give the students a fuller and more exact knowledge of the general facts and principles of physics and an understanding of the illustrations of the subject as seen in the experiences and phenomena of daily life. Attention also is directed to the various industrial applications of physical laws. Three hours a week. Throughout the year.

Pre-requisite, Elementary Physics, solid geometry, plane trigonometry.

2. Advanced Physics. Special branches of physics will be treated in greater detail than in Course 1. Frequent applications are made of analytical geometry and differential calculus and such amount of mathematical training is expected of the students taking this course. The subjects chosen will vary from year to year and will include mechanics, optics, electricity, and magnetism. Three hours a week. Throughout the year.

Prerequisite: Physics 1.

## **XVI. Social and Political Economy**

1-a. Sociology. Brief survey of social evolution and the structure of society. Special attention is given to present social problems. Lectures, text-book, collateral reading, discussions. Three hours a week. First term.

1-b-c. Economics. Survey of economic history, presentation of economic theories, and discussion of practical economic problems. Special attention given to money, banking, wages, and taxation. Three hours a week. Second and third terms.

2-a. American Government. This course aims to present in clear outline the national, state, and municipal governments within the United States. Text-books, lectures, and collateral reading. Three hours a week. First term.

2-b. Practical Economics. The aim of this course is to study in detail, such subjects as money and banking, public finance—both national and local,—the labor movement, industrial corporations, and insurance. Lectures, collateral reading, discussions and reports. Three hours a week. Second term.

2-c. International Law. A study of the fundamental principles governing the relations of nations, both in peace and in war. Diplomacy. Lectures, discussions, reports upon special problems. Three hours a week. Third term.

3. Social Problems. A study of some of the most prominent problems of the present day. Three hours a week. One term.

## **XVII. Special Courses for Business Training**

Bookkeeping. Single and double entry; constant use of all the usual and special blanks required in ordinary business; frequent trial balances and statements; actual business practice. Each student works independently and progress is rapid or slow according to the ability and application of the student.

Stenography. The Graham-Pitman system of shorthand is used.

Commercial Law. The essentials of commercial principles as enforced by law.

Commercial Arithmetic.

English and other subjects are taken with the regular Academy and College classes.

## Outline of College Courses

(The number following the name of a course refers to its number under its department. The figure in parenthesis gives the number of recitation periods a week.)

## CLASSICAL

## PHILOSOPHICAL

## SCIENTIFIC

## FRESHMAN.

English 1 .....(3)	English 1 .....(3)	English 1 .....(3)
Mathematics 1 ..(5)	Mathematics 1 ..(5)	Mathematics 1 ..(5)
Latin 1 .....(3)	Latin 1 .....(3)	Biology 1 .....(3)
Greek 1 & 7 (*A). (4)	German 1 .....(4)	German 1 .....(4)
Chemistry 1 .....(3)	Chemistry 1 .....(3)	Chemistry 1 .....(3)

Eighteen hours required in the Freshman year.

\*Freshmen from accredited schools may take Greek A five times a week. Four hours college credit is given.

## SOPHOMORE

English 2 .....(3)	English 2 .....(3)	English 2 .....(3)
Biology 1 .....(3)	Biology 1 .....(3)	Biology 2 .....(3)
Euro. Hist. 1 ... (3)	Euro. Hist. 1 ... (3)	Euro. Hist. 1 ... (3)
Bib. Lit. 1 .....(2)	Bib. Lit. 1 .....(2)	Bib. Lit. 1 .....(2)
Greek 2 (or 1 & 7). (3)	German 2 .....(3)	Mathematics 2 ..(3)

## SOPHOMORE ELECTIVES

Latin 2 .....(3)	Latin 2 .....(3)	German 2 .....(3)
*French or	*French A .....(3)	*French A .....(3)
German A ... (3)	Mathematics 2 ..(3)	Agriculture 1 ... (3)
Mathematics 2 ..(3)	Adv. Chem. 2 ..(3)	Adv. Chem. 2 ..(3)
Adv. Chem. 2 ..(3)		

Fourteen hours required in the Sophomore year and three additional to be elected.

\*If elementary German or French is taken with Academy students five times a week it counts only three hours as a college credit.

## Outline of College Courses—Continued

### JUNIOR.

Political Sci. 2..(3)	Political Sci. 2..(3)	Political Sci. 2..(3)
Philosophy 1 ... (3)	Philosophy 1 ... (3)	Philosophy 1 ... (3)
English 3 ..... (3)	English 3 ..... (3)	Physics 1 ..... (3)
Greek 3 (or 2) .. (3)	*Mod. Lang. .... (3)	*Mod. Lang. .... (3)
Bib. Lit. 2 ..... (2)	Bib. Lit. 2 ..... (2)	Bib. Lit. 2 ..... (2)

### JUNIOR ELECTIVE.

Mod. Lang. .... (3)	Mod. Lang. .... (3)	Mod. Lang. .... (3)
Biology 2 ..... (3)	Biology 2 ..... (3)	Biology 3 ..... (3)
Math. 2 or 3 .... (3)	Math. 2 or 3 .... (3)	Agriculture 2 .... (3)
Latin 3 ..... (3)	Latin 3 ..... (3)	English 3 ..... (3)
		Mathematics 3 .. (3)

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\*French if three years German have been taken.

Fourteen hours required in the Junior year and three additional to be elected.

### SENIOR

Social Sci. 1 .... (3)	Social Sci. 1 .... (3)	Social Sci. 1 .... (3)
Philosophy 3 .... (3)	Philosophy 3 .... (3)	Philosophy 3 .... (3)
Astron.-Geo. .... (4)	Astron.-Geo. .... (4)	Astron.-Geo. .... (4)
Nat. Theol.-Eth. . (3)	Nat. Theol.-Eth. . (3)	Nat. Theol.-Eth. . (3)

### SENIOR ELECTIVE.

English 4 ..... (3)	English 4 ..... (3)	English 4 ..... (3)
Modern Lang. ... (3)	Modern Lang. ... (3)	Modern Lang. ... (3)
Adv. Hist. .... (3)	Adv. Hist. .... (3)	Adv. Hist. .... (3)
Math. 3 or 4 .... (3)	Math. 3 or 4 .... (3)	Mathematics 4 .. (3)
*Greek 3 ..... (3)		

Thirteen hours required in the Senior year and three additional to be elected.

\*Required of classical students who begin Greek in the Freshman year.



# The Academy

The work of the Academy prepares students to enter Blackburn College or any similar institution of higher learning. The instruction is thorough, given by the regular professors of Blackburn College.

Three courses are offered, so planned as to enable students to matriculate in the College for the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of Science, at the earliest time possible.

Students are permitted to enter any class for which they are prepared, and are classified in the catalogue according to the major part of their work. Those not in regular standing in any class are urged to make up the deficiency as early as possible.

Diplomas are granted only to those who have completed sufficient work to enable them to matriculate in Blackburn College for one of the above degrees. No diploma is granted to any student for less than a year's resident work.

Students who, at the end of their senior year in the Academy, have finished all but one or two subjects, will be granted diplomas when the work is complete. This will ordinarily be one year later.

## I. BIBLE.

A. Bible Study. Introduction to some of the simple, but important facts and truths of the Bible. Reading both in private and in the classroom of selected portions of both the Old and New Testaments. One hour a week. Throughout the year. Required of all students in the first and third years.

B. Bible Study. Work similar to Course A, but different parts of the Bible selected. One hour a week. Throughout the year. Required of all students in the first and third years. This course alternates with Course A.

## II. ENGLISH.

The work in this department aims to familiarize students with the best English and American literature. Thorough drill is given in the foundations of the English language.

A. Advanced Grammar. Composition and Rhetoric. Study of the short story. Readings from selected English and American authors. Five hours a week. Throughout the first year.

B. Composition and Rhetoric. History of American literature with readings from selected American authors. Five hours a week. Throughout the second year.

C. Theme Work. History of English literature. Reading both in private and in the class of the remaining classics prescribed by the Joint Committee on Uniform Entrance Requirements in English. (See English requirements for admission to the Freshman class.) Daily dictations. Five hours a week. Throughout the third year.

### III. FRENCH.

A. Elementary French. The same as French A in the College. Five hours a week. Throughout the fourth year.

### IV. GERMAN.

A. Elementary German. The natural method is used, and the class work is some times conducted entirely in German. Worman's First German Book, or a similar work is followed. Daily dictations. Five hours a week. Throughout the fourth year.

### V. GREEK.

Few studies have more disciplinary value and contribute more to culture than the Greek language and literature. Many masters of schools have observed that those students who have had a full classical course, that is, have studied both Latin and Greek, have generally surpassed, in vigor of thought and finish of style, their fellows who have neglected one or both of the classics. This department, while not requiring the time devoted to Latin, is regarded as of equal value, and students are urged to take the course.

A. Elementary Greek. The same as Greek A in the College. Five hours a week. Throughout the fourth year. Required of all students intending to take the degree of Bachelor of Arts.

### VI. HISTORY.

This department aims not to cram students with unrelated

facts, but, while familiarizing them with the chief events in both the ancient and modern world, to make them feel and appreciate the great movements of the human race.

A. Ancient History. History of nations to the beginnings of Modern history. Text-book and supplementary readings in larger works. Five hours a week. First or third year.

B. English History. From the earliest times to the present. Text-book with parallel readings in larger works. Five hours a week. First or third year.

C. American History. From the discovery of North America to 1909. Text-book and recitations. Readings from source-books. Five hours a week. First or third year.

## VII. LATIN.

This department gives thorough preparation for College Latin, offering full courses in Latin Grammar, Composition, and Translation. Emphasis is laid upon correct, idiomatic English translation, and, in Virgil, upon fluency also. Special attention is paid to the Latin derivatives in common use in the English language.

A-1-2. Beginning Latin. A thorough study of Collar and Daniell's First Year Latin, or its equivalent. Special attention is given to pronunciation, inflection and the fundamental forms of Latin Grammar. Composition, both oral and written, and drill in accurate translations. Five hours a week. First and second terms. First year.

A-3. Via Latina. Collar's Via Latina or equivalent is read and carefully studied. Special attention is given to the application of Grammar. Composition and drill in idioms preparatory to Caesar. Five hours a week. Third term. First year.

B-1-2. Caesar's Gallic War, Bks. I-IV. A reading course covering the first four books of Caesar's Gallic War. Composition based on text gives a thorough and systematic review of Latin Grammar. Five hours a week. First and second terms. Second year.

B-3. Sallust's Catiline. Study of the conspiracy of Catiline and contemporary Roman history. Five hours a week. Third term. Second year.

C-1-2. Cicero. The four orations against Catiline, Archias,

and the Manilian Law. Greater ease in translation and a more thorough comprehension of the author's thought. Composition based on text. Five hours a week. First and second terms. Third year.

C-3. I. Ovid. Selections from Ovid with drill in scansion, study of Latin Prosody, preparatory to Virgil. Five hours a week. Third term. Third year.

D. Virgil, Bks. I-VI, of the Aeneid are carefully read, portions scanned and rendered into metrical English. A systematic and thorough review of Latin Grammar; Latin Composition. Five hours a week. Throughout the fourth year.

### VIII. MATHEMATICS.

A-1-2. Arithmetic. Careful attention given to the four rules, decimals, factoring, fractions, proportion, percentage, and roots. The instruction is adapted to the previous preparation and present aims of the students. It is designed to be especially helpful to those who expect to teach. Five hours a week. First and second terms. Second year.

A-3. Algebra. For beginners. Students after two terms of arithmetic are ready to begin algebra. Five hours a week. Third term. Second year.

B. Algebra. Thorough drill in factoring, least common multiple, fractions, radicals, roots, theory of exponents, and equations as far as quadratics. Five hours a week. Third year.

C. Plane and Solid Geometry. The usual theorems are required, with special emphasis upon original exercises. Five hours a week. Third year.

### IX. SCIENCE.

A. Geography, General and Physical. This course is designed as a special preparation for the study of history. Text-book, maps, globes. Five hours a week. First term.

B1. Elementary Zoology. An introduction to the study of animal life. Text-book, recitations, and laboratory practice. Five hours a week. First term. Second year.

B-2. Physiology. A study of the human body, its constructions, functions and needs. Text-book and recitations. Five hours a week. Second term. Second year.

**B-3. Elementary Botany.** An introduction to the study of plant-life. Text-book, recitations, and laboratory practice. Five hours a week. Third term. Second year.

**C-1. Elementary Physics.** An introduction to the subject. Recitations, solution of problems, lectures. Many experiments illustrating the text are tried by the class or performed by the instructor. Five hours a week. First and second terms of fourth year.

#### OUTLINE OF ACADEMY COURSES.

(Letters following the name of a course indicate its position in its department. All subjects are five hours a week except Bible, one hour a week.)

1st Year.	2nd Year.	3rd Year.	4th Year.
Latin A.	Latin B.	Latin C.	*Latin D.
English A.	English B.	English C.	Greek A or
Hist. A. or B.	Science B.	Hist. B or C.	Mod. Lan. A.
Science A.	Math. A.	Math. B.	Science C.
Bible A.		Bible B.	Math. C.

\*Scientific students may substitute a modern language although strongly advised to take fourth year Latin.



# Music

## Piano Course

### FIRST GRADE.

- Studies..... { Standard Grade Course—W. S. B. Matthews.  
Wieck.  
Scales.
- Compositions { Exercises in writing notes and transposition.  
Kleinmichel: Clavier Spielen, (4 hands), 1st book.  
Gurlitt: op. 18, (4 hands); Low, Dennee, Sartorio,  
(4 hands.)

### SECOND GRADE.

- Studies..... { Duvernoy: op. 120-3 books.  
Scales and Arpeggios.  
Czerny.  
Minor Scales.  
Schmoll: Execution, Phrasing, Expression.
- Compositions { Clementi, Kuhlan, Lange, and Burgmuller.  
Concone, Sartorio, Heins, Lichner, Dennee.

### THIRD GRADE.

- Studies..... { Bach: Twelve Little Preludes.  
Heller: Opus 47, 46, 45.  
Mason's Touch and Technique.  
Loeschorn: op. 66, 3 books.  
Minor Scales.
- Compositions { Selections from Schubert, Weber, Mozart, Beethoven, (4 hands.)  
Jungman, Jensen, Liebling.  
Godard, Grieg, Sherwood, Mendelssohn.



## FOURTH GRADE.

Studies..... { Bach: Two Part Inventions.  
 { Czerny: op. 740.  
 { Taussig: Daily Studies.  
 { Jensen: Characteristic Studies, op. 32.

Compositions { Schubert: Marche, (4 hands.)  
 { Grieg, Henselt, Chopin, Chaminade.  
 { Schubert, Rubenstein, Leschetizky.  
 { Moskowski, Handel.

## FIFTH GRADE.

Studies..... { Bach: French Suites.  
 { Anglaises.  
 { Bach: Suites Anglaises.  
 { Heller: Art of Phrasing, op. 6.  
 { Clementi: Gradus ad Parnassum.  
 { Kullak: Octave Studies.  
 { Moschelle: op. 70.

Compositions { Beethoven, Schubert, Schuman.  
 { MacDowell, Chopin.  
 { Moskowski, Meyer-Helmund.  
 { William Mason.

## SIXTH GRADE.

Studies..... { Chopin: ....op. 25.  
 { Bach, Vogrich.

Compositions { Brahms, Heller, Wagner.  
 { Liszt, Chopin, Schuman.  
 { Steiner's Harmony.  
 { Filmore's History of Music.

## Vocal Course

### FIRST GRADE.

Lessons in breathing and production of tone. Study of intervals and beginning of the study of *Messa di Voce*. Exercises in Marchesi, Randegger, and Concone.

### SECOND GRADE.

Sustained tones, Diatonic and Chromatic scales in slow movement. Easy songs for the development of strictly classic taste. Broken chords, syncopation. Studies in Marchesi and others.

### THIRD GRADE.

Study of major and minor scales, trills and turns in more rapid movement, together with art of phrasing. Difficult studies in Sieber, Marchesi, Lamperti. More difficult songs. Church music.

### FOURTH GRADE.

More advanced studies for equalizing the voice in all registers, broadening the technique, and perfecting the phrasing. Arias and Cavatinas from the operas; more difficult songs from classic writers, and selections from Oratorio.

Pupils' recitals are held on the third Saturday of each month.

### ART.

First year. Object and cast drawing in charcoal. Sketching from nature in charcoal and pencil. Water-color painting (monochrome) from still-life. Perspective.

Second year. Drawing from casts, drapery and groups of objects in charcoal and crayon. Pen and ink drawing. Painting from still-life in oil and water color. Perspective. Artistic Anatomy.

Third year. More difficult cast drawing. Sketching from the costumed model. Landscape and flower painting from nature in oil, water-color and pastel. Art History.

Fourth year. Original studies in oil and water-color from nature; the costumed model from life. Goodyear's History of Art and Gayley's Classic Myths.

A special course in china painting is given. The firing is done in the studio.

# Register of Students

## Graduate.

Wm. M. Russell .....Carrollton

## Seniors—Class of 1910.

Joseph Gore .....Carlinville

Loura Belva Herrick .....Carlinville

Wilkin Ayers Keplinger .....Carlinville

Fred Lee Wilson .....Carlinville

## Juniors—Class of 1911.

Mae Boyd .....Carlinville

Flora Alice Denby .....Carlinville

Lee Transon Goff .....Carlinville

John Patrick Madden .....Medora

Rebecca Jane Sacre .....Carlinville

Elwood M. S. Steward .....Carlinville

Beatrice Tolan .....Girard

Edward Valentine Young .....Carlinville

## Sophomores—Class 1912

Gladys Isabella Gore .....Carlinville

Nellie Louise Keplinger .....Carlinville

Bertha Otwell .....Carlinville

Mildred Elizabeth Rowe .....Carlinville

Evan Lemuel Searcy .....Carlinville

Genevieve Anne Westermeier .....Carlinville

## Freshmen—Class of 1913.

Glenn Boring .....Carlinville

Jamie Clifford Donahue .....Plainview

Lois Lynn Goff .....Carlinville

Jean Hoblit .....Carlinville

Edith Eunice Hobson .....Hettick

William Mayfield Hulse .....Carlinville

Elizabeth McSherry .....Carlinville

Charles E. Morrell .....Litchfield

Alma D. Mueller .....Carlinville

## Academy

### Fourth Year—Class of 1910.

Hulda Meyer .....Kinderhook

Earl D. Waggoner .....East Alton

Elizabeth Whitler .....Nilwood

## Third Year—Class of 1911.

Ines Byars .....	Kell
Edith Sharp .....	Carlinville

## First and Second Years—Classes of 1912, 1913.

Mabel Bevers .....	Carlinville
Bessie Brewer .....	Carlinville
Ernest Brewer .....	Carlinville
Gertrude Gowin ..	Carlinville
Leslie Hounsley ...	Chesterfield
Chance Jones .....	Shipman
Fred Parker .....	Carlinville
Jesse Scroggins .....	New Douglas

## Special Students.

James Bellmer .....	Carlinville
Samuel Boyd .....	Palmyra
Grace Fuller .....	Barnett
Byron Graham .....	Carlinville
Della Moore .....	Carlinville
Harley Nixon .....	Carlinville
Edward Rigsbey .....	Chesterfield
Clarence Robison .....	Carlinville
William Searcy .....	Carlinville
Marguerite Spurling .....	Carlinville

## Music Department

## Instrumental.

Clementine Barr .....	Carlinville
Lillian Beaseley .....	Carlinville
Mildred Boatman .....	Carlinville
Tressie Bonham .....	Carlinville
Gertrude Burke .....	Carlinville
Kathleen Burke .....	Carlinville
Lillian Burke.....	Carlinville
Lloyd Clark .....	Carlinville
Minnie Cohn .....	Virden
Mabel Cooper .....	Nilwood
Edna Daib .....	Carlinville
Luella Daib .....	Carlinville
Helen Denby .....	Carlinville

Fay Fanning .....	Carlinville
Elizabeth Fitzgerald .....	Carlinville
Mary Flori .....	Carlinville
Lieda Gillman .....	Carlinville
Blanche Hall .....	Carlinville
Elizabeth Harkins .....	Carlinville
Beatrice Hartley .....	Carlinville
Edith Hobson .....	Hettick
Helen Homer .....	Carlinville
Emily Jordan .....	Carlinville
Judith Jordan .....	Carlinville
Adele Loehr .....	Carlinville
Anna Madden .....	Carlinville
Grace Madden .....	Carlinville
Helen Madden .....	Carlinville
Katherine Madden .....	Carlinville
Hugo Mason .....	Carlinville
Harriet McClure .....	Carlinville
Alice Morse .....	Carlinville
Alma Mueller .....	Carlinville
Louise Mueller .....	Carlinville
Ruth Murphy .....	Nilwood
Florence Owen .....	Carlinville
Don Peebles .....	Carlinville
Martha Ellen Peebles .....	Carlinville
Mrs. Jesse Peebles .....	Carlinville
Purcell Peck .....	Carlinville
Leah Phares .....	Carlinville
Pearl Reinecke .....	Carlinville
Donna Rhodes .....	Carlinville
Margaret Ross .....	Carlinville
Mildred Ross .....	Carlinville
Mary Rucker .....	Girard
Rebecca Sacre .....	Carlinville
Pearl Schoper .....	Carlinville
Helen Searcy .....	Carlinville
Nora Seehausen .....	Carlinville
Elmer Sexton .....	Carlinville
Norma Steinmeyer .....	Carlinville

Helen Steward .....	Carlinville
Mrs. E. E. Stotler .....	Carlinville
Marion Turnbull .....	Carlinville
Cornelius Weiss .....	Carlinville
William Weiss .....	Carlinville
Genevieve Westermeier .....	Carlinville
Oren York .....	Carlinville
Anita Young .....	Carlinville

### Vocal

Iva Alderson .....	Virden
Mabel Bevers .....	Carlinville
Mae Boyd .....	Carlinville
Amelia Burgdorf .....	Carlinville
Leta Burnett .....	Girard
Dwight Burton .....	Girard
Blanche Cole .....	Nilwood
Helen Collins .....	Carlinville
Dorothy Collins .....	Greenfield
Bertha Crane .....	Girard
Marguerite Davenport .....	Carlinville
Annella Denby .....	Carlinville
Lucetta Drosten .....	Carlinville
Mary Edminston .....	Hettick
Bert England .....	Girard
Edith Garst .....	Girard
Lee Goff .....	Carlinville
Louis Goff .....	Carlinville
Gladys Gore .....	Carlinville
Gertrude Gottschall .....	Carlinville
Forence Head .....	Carlinville
Jessie Keith .....	Girard
Roxye McGhee .....	Girard
Hulda Meyer .....	Kinderhook
*Della Miller .....	Carlinville
Edith Miller .....	Girard
Anna May Patchen .....	Carlinville
Albert Post .....	Girard
*Deceased.	



Paul Post .....	Girard
Irene Robbins .....	Girard
Mildren Rowe .....	Carlinville
Evan Searcy .....	Carlinville
William Searcy .....	Carlinville
Beatrice Smith .....	Carlinville
Pauline Smith .....	Greenfield
Bernard Stengl .....	Carlinville
Elwood M. S. Steward .....	Carlinville
Mrs. Thomas Stutzman .....	Girard
Mrs. Harry Tietsort .....	Girard
Fred Wilson .....	Carlinville

### Art Department

Wayland Alexander .....	Carlinville
Helen Collins .....	Carlinville
Mrs. F. H. Colver .....	Carlinville
Raymond Colver .....	Carlinville
Eldred Cress .....	Carlinville
Ruth Davies .....	Carlinville
Pete Heintz .....	Carlinville
Ruth Higley .....	Carlinville
Jean Hoblit .....	Carlinville
Jennie Loveless .....	Carlinville
Mrs. Harry Miller .....	Carlinville
Alma Mueller .....	Carlinville
Mrs. C. M. Otwell .....	Carlinville
Bertha Otwell .....	Carlinville
Purcell Peck .....	Carlinville
Janet Rinaker .....	Carlinville
Wendell Ross .....	Carlinville
Helen Steward .....	Carlinville
Mrs. John Westermeier .....	Carlinville
Loretta Westermeier .....	Carlinville

### Expression Department

Walter H. Bradley .....	Upper Alton
Mae Boyd .....	Carlinville
Glenn Boring .....	Carlinville
Helen Collins .....	Carlinville

Catherine Daley .....	Carlinville
Marguerite Davenport .....	Carlinville
Lucile Fernandez .....	St. Louis, Mo.
Lois L. Goff .....	Carlinville
Jean M. Hoblit .....	Carlinville
Nellie L. Keplinger .....	Carlinville
Alma D. Mueller .....	Carlinville
Mildred Rowe .....	Carlinville
Beatrice Tolan .....	Girard
Hope F. Tongate .....	Carlinville
Leah Phares .....	Carlinville
Theresa Renner .....	Carlinville
Pauline Smith .....	Greenfield
Edith Sharp .....	Carlinville
Rebecca Sacre .....	Carlinville
Elizabeth A. Whitler .....	Nilwood
Edward V. Young .....	Carlinville
Elsie A. Young .....	Carlinville

## Summary

### COLLEGE

Graduate .....	1	
Seniors ....	4	
Juniors .....	8	
Sophomores .....	6	
Freshmen .....	10	39
Academy .....		13
Special .....		10
Music .....		
Instrumental .....		60
Vocal .....		40
Art .....		20
Expression .....		22
		<hr/>
		194
Counted Twice .....		34
		<hr/>
Total .....		160

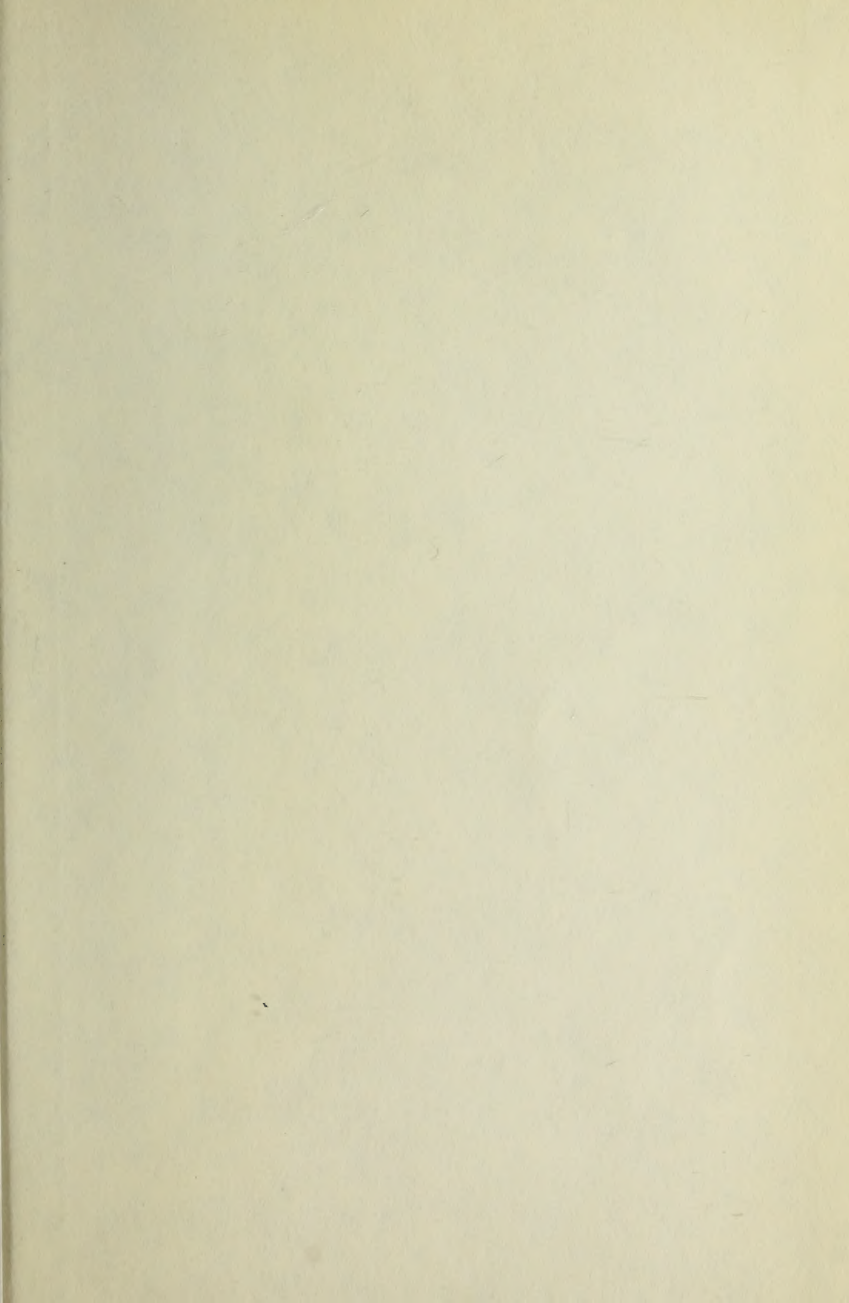








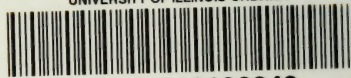








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